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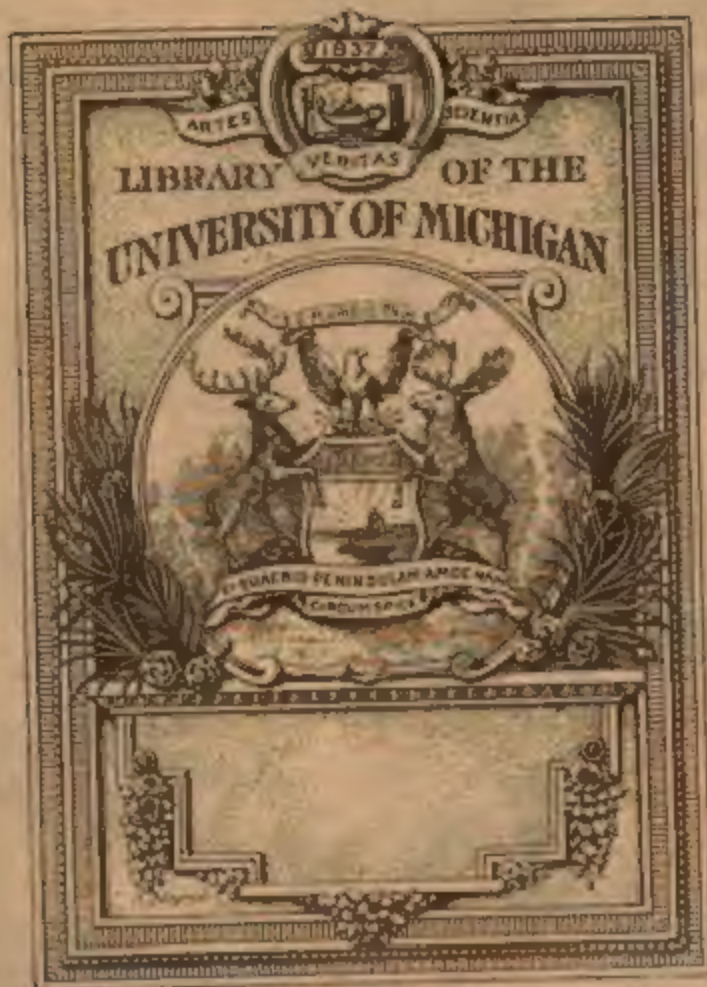
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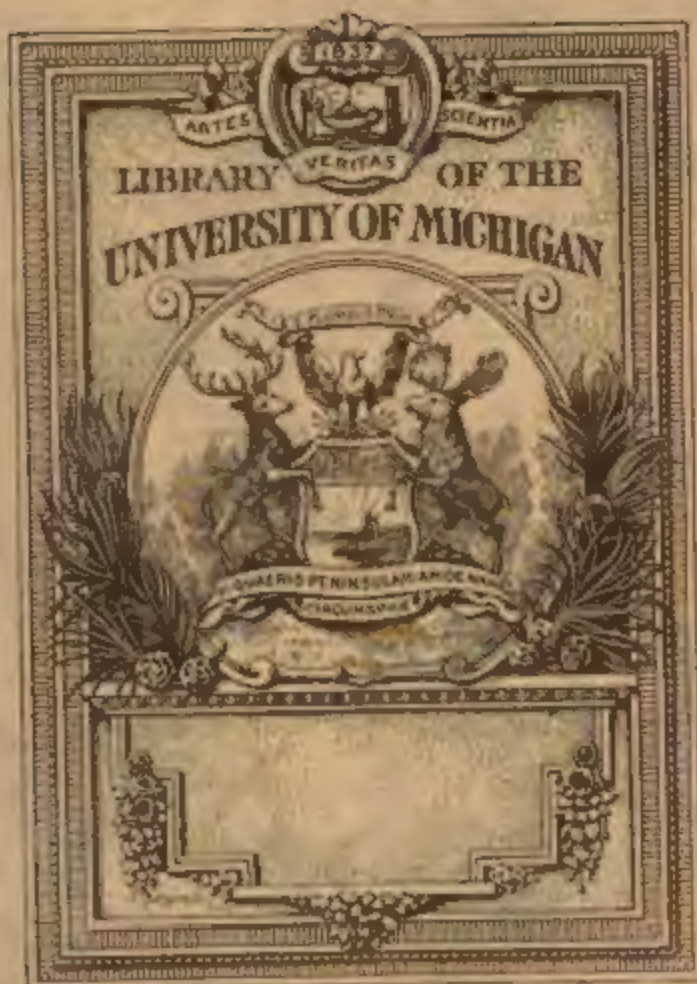
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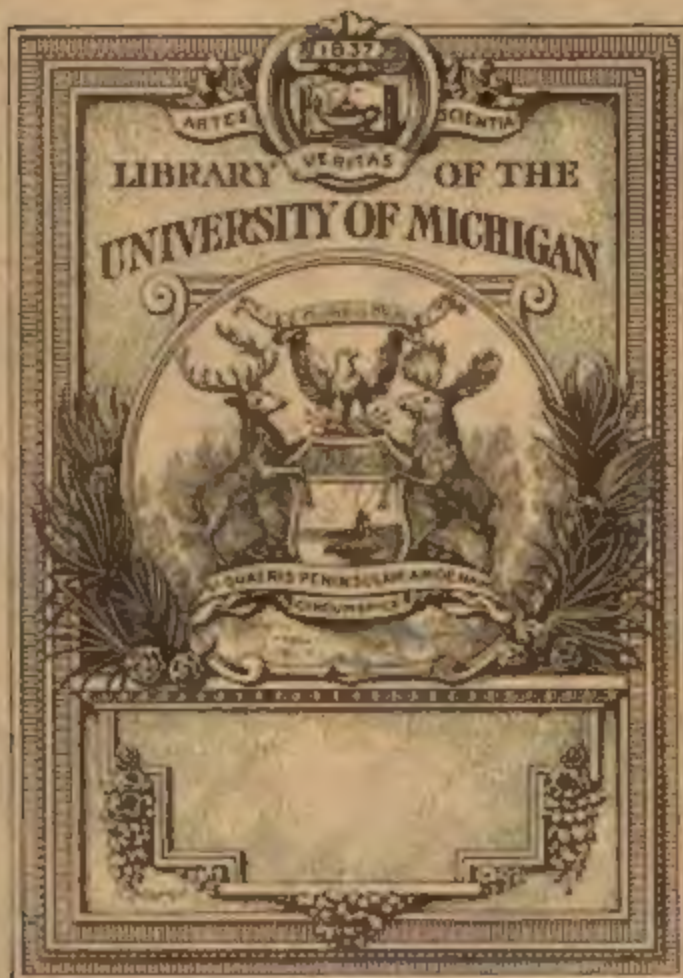






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Detailed Exhibits  
of the  
Physical Property  
and  
Intangible Values  
of the  
Calumet Electric Street Railway  
Company

as of February 1, A. D. 1908

accompanying the

Valuation Report

submitted to

The Committee on Local Transportation

of the

Chicago City Council

by

BION J. ARNOLD  
GEORGE WESTON

Traction Valuation Commission

*Chicago Traction Valuation Commission*

CHICAGO, MARCH, 1908





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**A N A L Y S I S**  
**OF THE**  
**PREMISES ADOPTED AND THE METHODS USED**  
**IN DETERMINING**  
**THE PRESENT VALUE OF THE PHYSICAL PROPERTY**  
**OF THE**  
**CALUMET ELECTRIC STREET RAILWAY COMPANY.**

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For the purpose of making the inventory, the property was divided into the following divisions: Track; electrical distributing system; rolling stock; power plants; fixed tools and machinery; buildings; real estate; tools, materials, supplies and furniture; paving, and fill.

These divisions were in turn subdivided into various parts, that is, track subdivided into straight line track work, special work in streets, track work and special work in barns, etc., and similar subdivisions were made for the other general divisions.

In this report the grand divisions of the schedules have been termed exhibits, and are indicated as EXHIBIT I, EXHIBIT II, etc. The subdivisions of the exhibits have been indexed 1-A, 1-B, 1-C, and 2-A, 2-B, 2-C, etc., the first number of this index title corresponding to the exhibit of which the subdivision is a part.

In the following paragraphs the premises upon which the new and present value of the property listed in the various exhibits was determined is set forth and discussed.

**EXHIBIT I—TRACK, TRESTLES, ETC.**

**Division 1-A—Tangent Track.**

An estimate was made of the cost of materials and labor required to reproduce the property new today, to which was added 15 per cent for organization, engineering and incidentals. The track was divided into different classes, determined by the varying weights, types of rails and styles of construction. In depreciating the tracks, the cost was divided into two parts, that of the rail and of the substructure. In depreciating the rail, three factors have been considered:

- (1) The condition of the wagon tread of the rail.
- (2) The condition of the joints.
- (3) The wearing life of the head of the rail.



From examination of the rail in place, it is found that none of the rail would have to be discarded on account of broken or defective wagon treads, and for this reason this does not appear in determining the depreciation of any part of the track under consideration in this report.

All joints were depreciated on the basis that, in order to obtain the full wearing value of the head of the rail it would be necessary some time to renew the joints, and in addition it was assumed that at the time of such renewal the ends of the rails could be cut off, and the life of the balance of the rail lengthened thereby.

The present value of the rail, excepting the joints, was determined by measurement of the wearing value that remained in the head of the rail. The life of the rail is considered to be the length of time required for the head of the rail to wear away so that the height of the remaining head above the wagon tread is  $\frac{5}{8}$  inch. The difference between this height and the original height of the head above the wagon tread determines the wearing value.

To determine this quantity the distance between the head of the rail and the wagon tread for the new track was determined and expressed in sixty-fourths of an inch. Measurements were taken in the field with a specially constructed Vernier device, by means of which the actual height of the top of the rail above the wagon tread was determined in sixty-fourths of an inch. The greater part of the track had a wearing life when new of about  $\frac{30}{64}$  inch. Measurements were taken of the height of the head of the rail for all sections of track, a sufficient number of readings being taken for each section to secure the average height of the rail. From the average height so determined was deducted the scrap height of  $\frac{40}{64}$  inch, the remainder representing the remaining life of the rail. This method of depreciating the rail takes into consideration only the condition of the rail, and has no bearing whatever upon the life of the track.

In depreciating the substructure, its average life was taken at twenty years; on account of the fact that a good deal of the track was not in first class surface alignment, it was determined to apply a depreciation of  $12\frac{1}{2}$  per cent, or two and one-half years, over all the track of the road to cover this deficiency. Consequently the remaining life of seventeen and one-half years was used in depreciating the substructure.

The lengths of tangent track in this exhibit have been determined by deducting from the distance from center to center of streets as shown on the official maps of the city of Chicago, the lengths covered by special work. All limits were determined by actual measurement in the field.

#### Division 1-B—Track Special Work.

In determining the track special work, each piece of special work was measured and listed. The layouts are shown in this exhibit. The determination of the value of the special work new

was made by adding to the estimated cost of the material required for the special work, the cost of the ties, joints, ballast, excavation and labor required in the installation of the various types of special work. The summary sheet sets forth the amounts of the various types of special work construction required for the layouts appraised.

#### **Division 1-C—Track on Bridges.**

The cost of track work on bridges includes rail, together with fastenings necessary on the bridges, as well as any additional stringers that have been required in some cases to reinforce bridges on which some track were laid.

#### **Division 1-D—Trestles and Culverts.**

Detailed examination was made of the trestles and culverts, and an estimate made of the cost of material and labor required to reproduce this new today. On account of the bad condition in which the trestles and culverts were found they were depreciated by inspection.

#### **Division 1-E—Tracks in Car Houses and Yards.**

The track in the car houses and yards was measured in detail, and unit estimates were made of the cost to construct new, and depreciation was applied, representing the average depreciation for this class of work.

#### **Division 1-F—Special Work in Car Houses and Yards.**

The special work in car houses and yards was measured in detail, and unit estimates were made of the cost to construct new, and depreciation was applied, representing the average depreciation for this class of work.

### **EXHIBIT II—ELECTRIC POWER DISTRIBUTION AND TELEPHONE SYSTEMS.**

The electrical distributing system has been divided into:

2-A. Trolley Systems.

2-B. Feeders.

2-C. Telephone Lines.

#### **Division 2-A—Trolley Systems.**

Detailed estimate of trolley covers the poles, cross span construction, fittings, trolley wire, together with special work construction at the curves. Inspection of the overhead work was made by going over lines and noting the general condition. For purposes of detailed inventory, the lengths of the various sections of work were determined by deducting from the distance from center to center of streets, as determined by the official map of the City of Chicago, the distance between the limits established by actual measurement and shown on the special work layouts.

## **10 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

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The depreciation of the various parts of the overhead system was determined by careful inspection and measurement for the different sections of the work, and were applied to the cost new, which was determined on the basis of present cost of material and labor required to reproduce the system.

### **Division 2-B—Feeders.**

All feeders and the attachments necessary to support the feeders on the poles were checked up by actual measurement and count, and the cost to reproduce this equipment as of February 1, 1908, was determined. The depreciation was applied as shown in detail.

### **Division 2-C—Telephone Lines.**

The same general method was arrived at in determining the value of the telephone lines as is used in the case of feeder determination.

## **EXHIBIT III—ROLLING STOCK.**

In arriving at the cost new and present value of the cars and car equipment, they were divided into groups according to the type, style, maker and age. A typical car was taken from each of these groups, a thorough inspection made, and general specifications covering this type were prepared. These specifications were submitted to car manufacturers, and the costs new obtained for the car bodies. To this 5 per cent was added for organization, engineering and incidentals. Similarly prices were obtained covering all parts of the equipment, such as motors, control and electrical equipment, air brakes, heaters, lighting, etc. To these prices an amount required to cover the cost of the freight of the various parts and the assembling of the car was added in making up the total value of the equipment new.

A thorough inspection was made of each group of cars, and a present depreciation applied based upon the age, type, and suitability for service.

## **EXHIBIT IV—POWER PLANT EQUIPMENT.**

In estimating the cost of the power plants, unit estimates were made of the cost to reproduce each power plant today, to which was added 10 per cent for organization, engineering and incidentals. To arrive at the present value of the plants, the annual rates of depreciation shown in the detailed estimate were applied for the length of time the various parts of the plants had been in service. From these depreciations, together with scrap value of the material, the present value of the plants has been determined.

## **EXHIBIT V—TOOLS AND MACHINERY.**

This exhibit covers the various fixed tools and machinery in the shops, all of which have been carefully examined and appraised.

**EXHIBIT VI—BUILDINGS.**

In arriving at the cost new and the present value of the buildings, detailed measurements were made, and detailed inventory taken of the kinds and amounts of materials required to reproduce the buildings. These quantities have been estimated at prices as of February 1, 1908, to which has been added 15 per cent for organization, engineering and incidentals, in determining the cost new of the building.

In general the buildings have been depreciated at an annual rate of  $1\frac{1}{2}$  per cent, although in the cases of buildings not well cared for, a higher rate of depreciation has been assumed.

**EXHIBIT VII—REAL ESTATE.**

For the determination of the value of the real estate, the services of Marvin A. Farr and Joseph Donnersberger, experts on real estate values, have been secured, and the values submitted herewith are those determined by them.

**EXHIBIT VIII—TOOLS, MATERIALS, SUPPLIES AND FURNITURE.**

In this exhibit is included lists of supplies, furniture, tools and materials on hand that has been submitted by the Railway Company. These lists have been checked over, and a general inspection of the materials listed has been made, although a detailed inventory and appraisal of these items have not been made. It is understood that in case this report is used as a basis for the purchase of the property of the Railway Company, a detailed inventory of the items covered in this exhibit should be made and its value substituted for the value made in this report at the time of such purchase.

This exhibit also covers the office furniture and fittings that have been carefully examined and appraised.

**EXHIBIT IX—PAVING.**

Actual measurement of pavement located at various parts of the Company's property has been made, and the cost to reproduce this pavement has been determined on the cost of labor and materials today. The various sections of pavement have been depreciated by inspection of the present condition and the present value determined.

**EXHIBIT X—FILL.**

The quantity of fill or embankment that has been necessary in the construction of the electric roads through the low, swampy sections of the territory has been determined by actual measurement. A slight allowance has been made to represent the large loss of material beneath the average level of the swampy parts. The cost to reproduce this fill has been determined as of today, account having been taken of the various kinds of material used for this work. No depreciation has been applied to this cost.

**EXHIBIT XI—SUBWAYS.**

The costs of that part of the expense of the construction of the subways that was borne by the Calumet Electric Street Railway Company as submitted by the Company have been set forth in this exhibit.

**EXHIBIT XII—ADDENDA ITEMS.**

Exhibit XII sets forth certain details not contemplated in the report as first outlined.

According to instructions to the Traction Valuation Commission this report was to be made along the lines of the reports made by the first Traction Valuation Commission, upon the property of the Chicago Union Traction Company and the Chicago City Railway Company.

At the request of your Special Traction Counsel the estimate of the deduction that should be made from the present value of the property on account of the provision of the ordinance requiring the rehabilitation of 40 miles of track has been made and is included as an addenda item in Exhibit XII.

**EXHIBIT XIII—FRANCHISES AND INTANGIBLE VALUES.**

For full explanation, see detail in exhibit.

## GENERAL SUMMARY OF PHYSICAL PROPERTY.

Exhibit	Item	Cost New	Present Value
I	Track, Trestles, etc.....	\$1,409,100.93	\$1,041,571.28
II	Electric Power Distribution and Telephone System.....	188,083.86	150,054.96
III	Rolling Stock.....	544,517.66	461,399.46
IV	Power Plant Equipment.....	201,569.43	123,653.47
V	Tools and Machinery.....	17,585.98	17,585.98
VI	Buildings .....	215,415.37	165,327.13
VII	Real Estate.....	180,426.50	180,426.50
	Tools, Materials, Supplies and Furniture .....	120,771.09	120,771.09
		<hr/>	<hr/>
		\$2,877,470.82	\$2,260,789.87
VIII	Legal Expenses, Carrying Charges, Brokerage and Contingencies at 10%.....	287,747.08	226,078.99
		<hr/>	<hr/>
		\$3,165,217.90	\$2,486,868.86
IX	Paving .....	407,271.40	324,110.16
X	Fill .....	572,762.53	572,762.53
XI	Subways .....	35,609.54	35,609.54
		<hr/>	<hr/>
	Grand total.....	\$4,180,861.37	\$3,419,351.09





**EXHIBIT I.**  
**TRACK AND TRESTLES**



**EXHIBIT I.  
TRACK.**

**COMPRISING THE FOLLOWING DIVISIONS:**

- 1-A Tangent Track.
- 1-B Track Special Work.
- 1-C Track on Bridges.
- 1-D Trestles and Culverts.
- 1-E Tracks in Car Houses and Yards.
- 1-F Special Work in Car Houses and Yards.

**SUMMARY.**

	Cost New	Present Value
Tangent track.....	\$1,097,910.00	\$ 852,642.00
Track special work.....	267,010.00	160,206.00
Track on bridges.....	4,312.00	1,852.00
Trestles and culverts.....	4,389.00	3,266.00
Track in car houses and yards.....	19,446.00	13,612.00
Special work in car houses and yards...	16,654.00	9,993.00
Total.....	<b>\$1,409,721.00</b>	<b>\$1,041,571.00</b>

**SECTION 1-A.**  
**MILEAGE AND COST OF DIFFERENT CLASSES**  
**OF**  
**ELECTRIC TRACK.**

**SUMMARY.**

Class	Miles Single Track	Cost New Per Mile	Total Cost New	Present Value
A .....	.1458	\$14,963.96	\$ 2,181.75	\$ 1,538.79
B-6 .....	.3491	17,441.72	6,088.90	4,618.10
C-3 .....	1.3077	17,669.22	23,106.04	19,213.37
D .....	.0909	17,149.06	1,558.85	1,014.02
D-1 .....	.0581	18,006.03	1,046.15	799.47
E .....	.3668	17,046.40	6,252.62	4,505.52
E-1 .....	3.8072	17,474.97	66,530.71	52,022.09
F .....	.1386	10,943.06	1,516.71	1,351.37
F-1 .....	1.7022	11,846.54	20,165.18	15,373.71
F-3 .....	1.3336	13,117.93	17,494.07	15,740.21
1-B-6.....	3.36215	16,638.80	55,942.14	49,417.95
1-C .....	1.9424	15,395.49	29,904.20	20,835.48
1-C-1.....	.3580	16,886.52	6,045.37	4,626.70
1-C-3.....	.53635	16,151.22	8,662.71	5,042.16
2-C-3.....	9.3046	18,384.29	171,058.46	122,984.15
3-C-3.....	14.0779	16,866.29	237,441.94	201,239.62
1-D .....	4.0208	15,547.15	62,511.98	48,465.31
1-D-1.....	.73355	16,404.08	12,033.21	9,699.18
2-D-1.....	.7902	18,721.10	14,793.41	13,422.56
1-E .....	4.0006	15,444.45	61,787.07	43,382.84
2-E .....	2.9847	17,761.47	53,012.66	41,087.67
3-E .....	4.4001	16,159.53	71,103.55	50,185.31
1-E-1.....	3.4799	15,872.91	55,236.14	37,266.50
2-E-1.....	1.3120	14,424.34	18,924.73	13,623.63
3-E-1.....	3.09315	16,587.99	51,309.14	41,950.22
1-E-3.....	.9487	24,402.72	23,150.86	17,133.05
1-E-5.....	1.1448	16,641.86	19,051.60	16,103.22
Totals....	<b>65.7899</b>	.....	<b>\$1,097,910.15</b>	<b>\$852,642.20</b>

CLASSES OF TRACK.

Class	Description
A	4½ in. Girder Rail, 57½ lb., 30 ft. lengths, bonded, on stone ballast.
B-6	6 in. Girder Rail, 75 lb., 30 ft. lengths, welded joints, on stone ballast.
C-6	6 in. Girder Rail, 78 lb., 30 ft. lengths, bonded, on stone ballast.
C-1	6 in. Girder Rail, 78 lb., 30 ft. lengths, Atlas joints, bonded on stone ballast.
C-3	6 in. Girder Rail, 78 lb., 30 ft. lengths, welded joints, on stone ballast.
D	7 in. Girder Rail, 80 lb., 30 ft. lengths, bonded joints, on stone ballast.
D-1	7 in. Girder Rail, 80 lb., 30 ft. lengths, welded joints, on stone ballast.
E	7 3/16 in. Girder Rail, 85 lb., 60 ft. lengths, bonded joints, on stone ballast.
E-1	7 3/16 in. Girder Rail, 85 lb., 60 ft. lengths, welded joints, on stone ballast.
E-3	7 3/16 in. Girder Rail, 85 lb., 60 ft. lengths, bonded joints, on reinforced concrete base.
E-5	7 3/16 in. Girder Rail, 85 lb., 30 ft. lengths, bonded joints, on stone ballast.
F	3 11/16 in. Tee Rail, 45 lb., 30 ft. lengths, bonded, on stone ballast.
F-1	4¼ in. Tee Rail, 60 lb., 30 ft. lengths, bonded, on stone ballast.
F-3	5 in. Tee Rail, 80 lb., 30 ft. lengths, bonded, on stone ballast.
1-B-6	Same as Class B-6 minus excavation; has two tie plates on each tie.
1-C	Same as Class C minus excavation.
1-C-1	Same as Class C-1 minus excavation; has two tie plates each tie.
1-C-3	Same as Class C-3 minus excavation.
2-C-3	Same as Class C-3; has two tie plates each tie.
3-C-3	Same as Class C-3 minus excavation; has two tie plates each tie.
1-D	Same as Class D minus excavation.
1-D-1	Same as Class D-1 minus excavation.
2-D-1	Same as Class D-1 minus excavation; has two tie plates each tie.
1-E	Same as Class E minus excavation.
2-E	Same as Class E; has two tie plates each tie.
3-E	Same as Class E minus excavation; has two tie plates each tie.

**Classes of Track—Continued.**

- 1-E-1 Same as Class E-1 minus excavation.
- 2-E-1 Same as Class E-1; has two tie plates each tie.
- 3-E-1 Same as Class E-1 minus excavation; has two tie plates each tie.
- 1-E-3 Same as Class E-3; has two tie plates each tie.
- 1-E-5 Same as Class E-5 minus excavation; has two tie plates each tie.

**CLASS A.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**4½ in. girder rail, 57½ lb., 30 ft. lengths, bonded, on slag ballast.**

	Amount	Unit Price	Total Cost
Rail, 57½ lb. per yard, delivered, tons..	90.8	\$41.00	\$ 3,722.80
Hauling to street, tons.....	90.8	1.00	90.80
Excavation, cubic yards.....	2,411	.50	1,205.50
Slag ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates (double brace).....	880	.38	334.40
Fish plates and bolts, 60 lb. each, tons..	9.44	42.25	398.84
Spikes for rails, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	352	1.25	440.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$13,012.14
Organization, engineering and incidentals, 15%.....			1,951.82
			<hr/>
Total cost per mile.....			<b>\$14,963.96</b>



DEPRECIATION OF FOUR AND ONE-HALF INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

	Cost New	Scrap Value	Wearing Value
Bonds, 352 @ 25c.....	\$ 440.00	\$ 88.00	\$ 352.00
Fish plates and bolts.....	398.84		
9.44 tons scrap @ \$11.00.....		103.84	295.00
Labor, making joints @ 1c per foot...	52.80		52.80
Rail cut-off, 3%, cost and hauling....	114.40		
2.56 tons scrap @ \$11.00.....		28.16	86.24
Labor, 5,280 feet @ 14c.....	739.20		739.20
Placing rails, making joints and spiking.....	\$0.09		
Surfacing .....	.02		
Cleaning street and inci- dentials .....	.03		
	<u>\$0.14</u>		

\$1,745.24    \$220.00    \$1,525.24

Life of joint, 20 years.

\$1,525.24

Annual depreciation per mile due to joints..... $\frac{1,525.24}{20}$  = \$76.26

Annual depreciation in per cent of wearing value..... 5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.3 tons scrap @ \$10.00.....		\$ 53.00	263.80
Tie plates.....	334.40		
3.9 tons scrap @ \$10.00.....		39.00	295.40
Slag ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot	264.00		264.00
Labor, placing ties @ 3c per foot....	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<u>\$5,692.60</u>	<u>\$1,988.25</u>	<u>\$3,704.35</u>

Life of tie, 17.5 years.

\$3,714.35

Annual depreciation per mile due to tie..... $\frac{3,714.35}{17.5}$  = \$212.25

Annual depreciation in per cent of wearing value..... 5.71%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Rail, 97% of rail and hauling.....	\$3,699.19		
97% of scrap, 82.70 tons @ \$11.00.....	\$909.70		
Less 5c per foot for re- moval .....	256.08		
	<u>\$653.62</u>	653.62	\$3,045.57
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
Labor @ 12c.....	633.60		633.60
	<u>\$4,368.79</u>	<u>\$662.62</u>	<u>\$3,706.17</u>
Cost of parts depreciated with joints.....			\$ 1,745.24
Cost of parts depreciated with ties.....			5,692.60
Cost of parts to be depreciated with rail.....			4,368.79

Total cost of parts depreciated.....\$11,806.63

\$1,745.24 = 14.8% of \$11,806.63

\$5,692.60 = 48.2% of \$11,806.63

\$4,368.79 = 37.0% of \$11,806.63

Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of the part of cost yet  
to be depreciated.

Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$1,951.82
14.8% of \$1,951.82 = amount to be depreciated with joints..	\$ 288.86
Actual wearing value of joints.....	1,525.24

Total value of joints to be depreciated 5% annually...\$1,814.10

5% of \$1,814.10 = \$90.70, annual depreciation.

48.2% of \$1,951.82 = amount to be depreciated with ties..\$ 940.78

Actual wearing value of ties..... 3,704.35

Total value of ties to be depreciated 5.7% annually...\$4,645.13

5.7% of \$4,645.13 = \$264.77, annual depreciation.

Wearing value of rail, etc.....\$3,706.17

37% of \$1,951.82 = amount to be depreciated with rail.... 722.19

Total value of rail to be depreciated.....\$4,428.36

Original depth of head of rail.....64/64 in.

Depth of head when rail is scrap.....40/64 in.

Wearing depth.....24/64 in.

1/24 of \$4,428.36 = \$185.95, which is the amount of depre-  
ciation for each 1/64 in. of wear.

**24 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

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**Part Not Depreciated.**

Excavation ..... **\$1,205.50**

**Recapitulation.**

Part depreciated with joints.....\$ 1,814.10  
Scrap value of part depreciated with joints..... 220.00  
Part depreciated with ties..... 4,645.13  
Scrap value of part depreciated with ties..... 1,988.25  
Part depreciated with rail..... 4,428.36  
Scrap value of part depreciated with rail..... 662.62  
Part not depreciated (excavation)..... 1,205.50

**Total.....\$14,963.96**

**CLASS B-6.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**6 in. girder rail, 75 lb., 30 ft. lengths, welded joints on stone ballast.**

	Amount	Unit Price	Total Cost
Steel rails, 75 lb. per yd., delivered, tons	117.86	\$41.00	\$ 4,832.26
Hauling rails to street, tons.....	117.86	1.00	117.86
Excavation, cubic yards.....	2,640	.50	1,320.00
Ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	580.80
Joints welded.....	352	4.25	1,496.00
Spikes for rail, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$15,166.72
Organization, engineering and incidentals, 15%.....			2,275.00
			<hr/>
• Total cost per mile.....			<b>\$17,441.72</b>

DEPRECIATION OF SIX-INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.3 tons scrap @ \$10.00.....		\$ 53.00	263.80
Tie plates.....	580.80		
7.1 tons scrap @ \$10.00.....		71.00	509.80
Rock ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot	264.00		264.00
Labor, placing ties @ 3c per foot....	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<u>\$5,939.00</u>	<u>\$2,020.25</u>	<u>\$3,918.75</u>

Life of tie, 17.5 years.

Annual depreciation per mile due to substructure  $\frac{\$3,918.75}{17.5} = \$223.92$

Annual depreciation in per cent of wearing value..... 5.71%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Rail .....	\$4,832.26		
113.1 tons scrap @ \$11.00.	\$1,244.10		
Less 5c per foot removal.	264.00		
	<u>\$980.10</u>	\$ 980.10	\$3,852.16
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
Labor, 5,280 feet @ 27c.....	1,425.60		1,425.60
Welds .....	1,496.00		
15.7 tons scrap @ \$11.00.....		172.70	1,323.30
Hauling .....	117.86		117.86
	<u>\$7,907.72</u>	<u>\$1,161.80</u>	<u>\$6,745.92</u>
Cost of parts depreciated with rail.....			\$ 7,907.72
Cost of parts depreciated with substructure.....			5,939.00

Total cost of parts depreciated.....\$13,846.72

\$7,907.72 = 57.1% of \$13,846.72

\$5,939.00 = 42.9% of \$13,846.72

The above percentages to be used to distribute to rail and substructure the proper proportion of the part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,275.00  
 42.9% of \$2,275.00 = amount to be depreciated with sub-  
 structure .....\$ 975.97  
 Actual wearing value of substructure..... 3,918.75

Total value of substructure to be depreciated 5.71%  
 annually .....**\$4,894.72**  
 5.71% of \$4,894.72 = \$279.48, annual depreciation.  
 57.1% of \$2,275.00 = amount to be depreciated with rail...\$1,299.03  
 Wearing value of rail..... 6,745.92

Total value of rail to be depreciated.....**\$8,044.95**  
 Original depth of head of rail.....68/64 in.  
 Depth of head when rail is scrap.....40/64 in.  
 Wearing depth.....28/64 in.  
 1/64 in. wear = 1/28 of \$8,044.95 = \$287.32, which is the  
 amount of depreciation for each 1/64 in. wear of rail.

**Part Not Depreciated.**

Excavation .....**\$1,320.00**

**Recapitulation.**

Part depreciated with rail.....\$ 8,044.95  
 Scrap value of parts depreciated with rail..... 1,161.80  
 Parts depreciated with substructure..... 4,894.72  
 Scrap value of parts depreciated with substructure..... 2,020.25  
 Part not depreciated (excavation)..... 1,320.00

Total.....**\$17,441.72**

CLASS C-6.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile Single Track.

6 in. girder rail, 78 lb., 30 ft. lengths, splice plates, bonded, on slag or stone ballast.

	Amount	Unit Price	Total Cost
Rail, 78 lb. per yard, delivered, tons...	122.57	\$41.00	\$ 5,025.37
Hauling to street, tons.....	122.57	1.00	122.57
Excavation, cubic yards.....	2,640	.50	1,320.00
Slag or stone ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	580.80
Fish plates and bolts, 60 lb. each, tons..	9.44	42.25	398.84
Spikes for rails, kegs.....	30	4.10	123.00
Extra spikes for tie plates.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	352	1.25	440.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$14,707.38
Organization, engineering and incidentals, 15%.....			2,206.12
			<hr/>
Total cost per mile.....			\$16,913.50



DEPRECIATION OF SIX-INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

	Cost New	Scrap Value	Wearing Value
Bonds, 352 @ 25c.....	\$ 440.00	\$ 88.00	\$ 352.00
Fish plates, bolts.....	398.84		
9.44 tons scrap @ \$11.00.....		103.84	295.00
Labor, making joints @ 1c per foot...	52.80		52.80
Rail cut-off, 3%, cost and hauling....	154.44		
3.54 tons scrap @ \$11.00.....		38.94	115.50
Labor, 5,280 feet @ 14c.....	739.20		739.20
Placing rails, making joints and spiking.....	\$0.09		
Surfacing .....	.02		
Cleaning street and inci- dentials .....	.03		
	<u>\$0.14</u>		

\$1,785.28    \$230.78    \$1,554.50

Life of joint, 20 years.

Annual depreciation per mile due to joint.....  $\frac{\$1,554.50}{20} = \$77.72$

Annual depreciation in per cent of wearing value..... 5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.3 tons scrap @ \$10.00.....		\$ 53.00	263.80
Tie plates.....	580.80		
7.1 tons scrap @ \$10.00.....		71.00	509.80
Slag ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot.	264.00		264.00
Labor, placing ties @ 3c per foot....	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<u>\$5,939.00</u>	<u>\$2,020.25</u>	<u>\$3,918.75</u>

Life of tie, 17.5 years.

Annual depreciation per mile due to tie.....  $\frac{\$3,918.75}{17.5} = \$223.93$

Annual depreciation per mile in per cent of wearing value... 5.71%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Rail, 97% of rail, and hauling.....	\$4,993.50		
97% of scrap, 114.49 tons @ \$11.00 .....	\$1,259.39		
Less 5% for removal.....	256.08		
	<u>\$1,003.31</u>	\$1,003.31	\$3,990.19
Labor, 12c per foot.....	633.60		633.60
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
	<u>\$5,663.10</u>	<u>\$1,012.31</u>	<u>\$4,650.79</u>
Cost of parts depreciated with joints.....			\$ 1,785.28
Cost of parts depreciated with ties.....			5,939.00
Cost of parts depreciated with rail.....			5,663.10
			<u>\$13,387.38</u>

Total cost of parts depreciated.....\$13,387.38  
\$1,875.28 = 13.3% of \$13,387.38  
\$5,939.00 = 44.4% of \$13,387.38  
\$5,663.10 = 42.3% of \$13,387.38  
Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of that part of cost yet  
to be depreciated.

Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$2,206.12
13.3% of \$2,206.12 = amount to be depreciated with joints..	\$ 293.43
Actual wearing value of joints.....	1,554.50

Total value of joints to be depreciated 5% annually...\$1,847.93  
5% of \$1,847.93 = \$92.40, annual depreciation.  
44.4% of \$2,206.12 = amount to be depreciated with ties..\$ 979.52  
Actual wearing value of ties..... 3,918.75

Total value of ties to be depreciated 5.71% annually..\$4,898.27  
5.71% of \$4,898.27 = \$279.69, annual depreciation.  
42.3% of \$2,206.12 = amount to be depreciated with rail..\$ 933.19  
Actual wearing value of rail..... 4,650.79

Total value of rail to be depreciated.....\$5,583.98  
Original depth of head.....69/64 in.  
Depth of head when rail is scrap.....60/64 in.  
Wearing depth.....29/64 in.  
1/64 in. wear = 1/29 of \$5,583.98 = \$192.55, depreciation  
due to 1/64 in. wear.

**Part Not Depreciated.**

Excavation ..... **\$1,320.00**

**Recapitulation.**

Part depreciated with joints.....\$ 1,847.91

Scrap value of part depreciated with joints..... 230.78

Part depreciated with ties..... 4,898.27

Scrap value of part depreciated with ties..... 2,020.25

Part depreciated with rail..... 5,583.98

Scrap value of part depreciated with rail..... 1,012.31

Part not depreciated (excavation)..... 1,320.00

Total..... **\$16,913.50**

CLASS C-1.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

6 in. girder rail, 78 lb., 30 ft. long, Atlas joints, bonded, on slag or stone ballast.

Class C1 has Atlas joints, otherwise same as Class C.

Total cost for Class C.....	\$14,707.38
Atlas joints and bolts, 60 lb. each, 9.44 tons @ \$113.72	
(add for Atlas joints).....	674.76
	<hr/>
	\$15,382.14
Organization, engineering and incidentals, 15%.....	2,307.32
	<hr/>
Total cost per mile.....	\$17,689.46

DEPRECIATION OF SIX-INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

	Cost New	Scrap Value	Wearing Value
Total cost for Class C.....	\$1,785.28	\$230.78	\$1,554.50
Add for Atlas joints.....	674.76		674.76
	<hr/>	<hr/>	<hr/>
	\$2,460.04	\$230.78	\$2,229.26
Life of joint, 20 years.			
		\$2,229.26	
Annual depreciation per mile due to joints....		<hr/>	\$111.46
		20	
Annual depreciation in per cent of wearing value.....			5%

Depreciation of Track Due to Ties.

Same as Class C.

Annual depreciation due to tie.....	\$223.93
Annual depreciation due to tie.....	5.71%

Depreciation of Track Due to Rail.

Same as Class C.

Cost of parts depreciated with joints.....	\$ 2,460.04
Cost of parts depreciated with ties.....	5,939.00
Cost of parts depreciated with rail.....	5,663.10

Total cost of parts depreciated.....	\$14,062.14
\$2,460.04 = 17.5% of \$14,062.14	
\$5,939.00 = 42.2% of \$14,062.14	
\$5,663.10 = 40.3% of \$14,062.14	

Above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,307.32  
 17.5% of \$2,307.32 = amount to be depreciated with joints.\$ 403.78  
 Actual wearing value of joints..... 2,229.26

Total value of joints depreciated 5% annually.....**\$2,633.04**  
 5% of \$2,633.04 = \$131.65, annual depreciation.  
 42.2% of \$2,307.32 = amount to be depreciated with ties..\$ 973.69  
 Actual wearing value of ties..... 3,918.75

Total value of ties depreciated 5.71% annually.....**\$4,892.44**  
 5.71% of \$4,892.44 = \$279.36, annual depreciation.  
 40.3% of \$2,307.32 = amount to be depreciated with rail...\$ 929.85  
 Total wearing value of rail..... 4,650.79

Total.....**\$5,580.64**  
 Original depth of head.....69/64 in.  
 Depth of head when rail is scrap.....40/64 in.  
 Wearing depth.....29/64 in.  
 1/64 in. wear = 1/29 of \$5,580.64 = \$192.43, depreciation  
 due to each 1/64 in. wear.

**Part Not Depreciated.**

Excavation.....**\$1,320.00**

**Recapitulation.**

Part depreciated with joints.....\$ 2,633.04  
 Scrap value of part depreciated with joints..... 230.78  
 Part depreciated with ties..... 4,892.44  
 Scrap value of part depreciated with ties..... 2,020.25  
 Part depreciated with rail..... 5,580.64  
 Scrap value of part depreciated with rail..... 1,012.31  
 Part not depreciated (excavation)..... 1,320.00

Total.....**\$17,689.46**

**CLASS C-3.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**6 in. girder rail, 78 lb., 30 ft. lengths, welded joints on stone ballast.**

	Amount	Unit Price	Total Cost
Steel rails, 78 lb. per yd., delivered, tons	122.57	\$41.00	\$ 5,025.37
Hauling rail to street, tons.....	122.57	1.00	122.57
Excavation, cubic yards.....	2,640	.50	1,320.00
Ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	580.80
Joints welded.....	352	4.25	1,496.00
Spikes for rail, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$15,364.54
Organization, engineering and incidentals, 15%.....			2,304.68
			<hr/>
Total cost per mile.....			<b>\$17,669.22</b>

DEPRECIATION OF SIX-INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.3 tons scrap @ \$10.00.....		53.00	263.80
Tie plates.....	580.80		
7.1 tons scrap @ \$10.00.....		71.00	509.80
Rock ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot.	264.00		264.00
Labor, placing ties @ 3c per foot...	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<hr/>	<hr/>	<hr/>
	\$5,939.00	\$2,020.25	\$3,918.75
Life of tie, 17.5 years.			\$3,918.75
Annual depreciation per mile due to substructure		<hr/>	<hr/>
		17.5	\$223.93
Annual depreciation in per cent of wearing value.....			5.7%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Rail .....	\$5,025.37		
114.49 tons @ \$11.00.....	\$1,259.39		
Less 5c per foot removal.	264.00		
	<hr/>		
	\$995.39	\$ 995.39	\$4,029.98
Cross bonds.....	36.00		
Cross bonds, 18 @ 50c.....		9.00	27.00
Labor, 5,280 feet @ 27c.....	1,425.60		1,425.60
Welds, 15.7 tons @ \$11.00.....	1,496.00	172.70	1,323.30
Hauling .....	122.57		122.57
	<hr/>	<hr/>	<hr/>
	\$8,105.54	\$1,177.09	\$6,928.45
Cost of parts depreciated with rail.....			\$ 8,105.54
Cost of parts depreciated with substructure.....			5,939.00
			<hr/>
Total cost of parts depreciated.....			\$14,044.54
	\$8,105.54 = 57.7% of \$14,044.54		
	\$5,939.00 = 42.3% of \$14,044.54		

The above percentages are to be used to distribute to rail and substructure the proper proportion of the part of cost yet to be depreciated.



**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,304.68  
 42.3% of \$2,304.68 = amount to be depreciated with sub-  
 structure .....\$. 974.88  
 Actual wearing value of substructure..... 3,918.75

Total value of substructure to be depreciated 5.7%  
 annually .....**\$4,893.63**  
 5.7% of \$4,893.63 = \$278.93, annual depreciation.  
 57.7% of \$2,304.68 = amount to be depreciated with rail..\$1,329.80  
 Wearing value of rail..... 6,928.45

Total value of rail to be depreciated.....**\$8,258.25**  
 Original depth of head.....69/64 in.  
 Depth of head when rail is scrap.....40/64 in.  
 Wearing depth,.....29/64 in.  
 1/64 in. wear = 1/29 of \$8,258.25 = \$284.76, which is the  
 amount of depreciation for each 1/64 in. wear of rail.

**Part Not Depreciated.**

Excavation .....**\$1,320.00**

**Recapitulation.**

Part depreciated with rail.....\$ 8,258.25  
 Scrap value of parts depreciated with rail..... 1,777.09  
 Parts depreciated with substructure..... 4,893.63  
 Scrap value of parts depreciated with substructure..... 2,020.25  
 Part not depreciated (excavation)..... 1,320.00  
 Total.....**\$17,669.22**

**CLASS D.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**7 in. girder rail, 80 lb., 30 ft. lengths, bonded, on stone ballast.**

	Amount	Unit Price	Total Cost
Rail, 80 lb. per yard, delivered, tons....	125.71	\$41.00	\$ 5,154.11
Hauling to street, tons.....	125.71	1.00	125.71
Excavation cubic yards.....	2,786	.50	1,393.00
Stone ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	580.80
Fish plates and bolts, 60 lb. each, tons..	9.44	42.25	398.84
Spikes for rails, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	352	1.25	440.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$14,912.26
Organization, engineering and incidentals, 15%.....			2,236.80
			<hr/>
Total cost per mile.....			<b>\$17,149.06</b>

DEPRECIATION OF SEVEN-INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Joints.

	Cost New	Scrap Value	Wearing Value
Bonds, 352 @ 25c.....	\$ 440.00	\$ 88.00	\$ 352.00
Fish plates and bolts.....	398.84		
9.44 tons scrap @ \$11.00.....		103.84	295.00
Labor making joints, 1c per foot.....	52.80		52.80
Rail cut-off, 3%, cost and hauling....	158.40		
3.69 tons scrap @ \$11.00.....		40.59	117.81
Labor, 5,280 feet @ 14c.....	739.20		739.20
Placing rails, making joints and spiking.....	\$0.09		
Surfacing .....	.02		
Cleaning street and inci- dentals .....	.03		
	<u>\$0.14</u>		
	<u>\$1,789.24</u>	<u>\$232.43</u>	<u>\$1,556.81</u>

Life of joint, 20 years.

$$\text{Annual depreciation per mile due to joint} = \frac{\$1,556.81}{20} = \$77.84$$

Annual depreciation in per cent of wearing value..... 5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.3 tons scrap @ \$10.00.....		\$ 53.00	263.80
Tie plates.....	580.80		
7.1 tons scrap @ \$10.00.....		71.00	509.80
Slag ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot	264.00		264.00
Labor, placing ties @ 3c per foot...	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<u>\$5,939.00</u>	<u>\$2,020.25</u>	<u>\$3,918.75</u>

Life of ties, 17.5 years.

$$\text{Annual depreciation per mile due to tie} = \frac{\$3,918.75}{17.5} = \$223.93$$

Annual depreciation in per cent of wearing value..... 5.7%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Rail, 97% of rail and hauling.....	\$5,121.43		
97% of scrap, 119.5 tons @ \$11.00.....	\$1,314.50		
Less 5c per ft. for removal	256.08		
	<u>\$1,058.42</u>	\$1,058.42	\$4,063.01
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
Labor (not yet depreciated).....	633.60		633.60
	<u>\$5,791.03</u>	<u>\$1,067.42</u>	<u>\$4,723.61</u>
Cost of parts depreciated with joints.....			\$ 1,789.24
Cost of parts depreciated with ties.....			5,939.00
Cost of parts to be depreciated with rail.....			5,791.03
			<u>\$13,519.27</u>

Total cost of parts depreciated.....\$13,519.27

\$1,789.24 = 13.2% of \$13,519.27

\$5,939.00 = 43.9% of \$13,519.27

\$5,791.02 = 42.9% of \$13,519.27

Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of part of cost yet to  
be depreciated.

Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$2,236.80
13.2% of \$2,236.80 = amount to be depreciated with joints..	\$ 295.25
Actual wearing value of joints.....	1,556.81

Total value of joints to be depreciated 5% annually...\$1,852.06

5% of \$1,852.06 = \$92.60, annual depreciation.

43.9% of \$2,236.80 = amount to be depreciated with ties..\$ 981.96

Actual wearing value of ties..... 3,918.75

Total value of ties to be depreciated 5.7% annually.....\$4,900.71

5.7% of \$4,900.71 = \$279.34, annual depreciation.

42.9% of \$2,236.80 = amount to be depreciated with rail...\$ 959.59

Wearing value of rail, etc..... 4,723.61

Total value of rail to be depreciated.....\$5,683.20

40 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

	Original Depth Head	Scrap Depth	Wearing Depth
Penn. rail section, 80-91 . . . . .	66/64 in.	40/64 in.	26/64 in.
Wharton rail . . . . .	72/64 in.	40/64 in.	32/64 in.
1/26 of \$5,683.20 = \$218.59, which is amount of depreciation for each 1/64 in. of wear (Penn., 80-91).			
1/32 of \$5,683.20 = \$177.60, which is amount of depreciation for each 1/64 in. of wear (Wharton rail).			

Part Not Depreciated.

Excavation . . . . .	\$1,393.00
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Recapitulation.

Part depreciated with joints . . . . .	\$ 1,852.06
Scrap value of parts depreciated with joints . . . . .	232.43
Part depreciated with ties . . . . .	4,900.71
Scrap value of parts depreciated with ties . . . . .	2,020.25
Part depreciated with rail . . . . .	5,683.20
Scrap value of part depreciated with rail . . . . .	1,067.42
Part not depreciated (excavation) . . . . .	1,393.00
Total . . . . .	\$17,149.07

CLASS D-1.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

7 in. girder rail, 80 lb., 30 ft. lengths, welded joints, on stone ballast.

	Amount	Unit Price	Total Cost
Steel rails, 80 lb. per yd., delivered, tons	125.71	\$41.00	\$ 5,154.11
Hauling rail to street, tons.....	125.71	1.00	125.71
Excavation, cubic yards.....	2,786	.50	1,393.00
Ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	580.80
Joints welded.....	352	4.50	1,584.00
Spikes for rails, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$15,657.42
Organization, engineering, and incidentals, 15%.....			2,348.61
			<hr/>
Total cost per mile.....			<b>\$18,006.03</b>

DEPRECIATION OF SEVEN-INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.3 tons scrap @ \$10.00.....		\$ 53.00	263.80
Tie plates.....	580.80		
7.1 tons scrap @ \$10.00.....		71.00	509.80
Rock ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot	264.00		264.00
Labor, placing ties @ 3c per foot...	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<u>\$5,939.00</u>	<u>\$2,020.25</u>	<u>\$3,918.75</u>

Life of tie, 17.5 years.

Annual depreciation per mile due to substructure ma-  
terial .....

\$2,918.75

.....  
17.5 = \$223.93

Annual depreciation in per cent of wearing value..... 5.71%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Rail .....	\$5,154.11		
125.71 tons scrap @\$11.00.	\$1,355.15		
Less 5c per foot removal.	264.00		
	<u>\$1,091.15</u>	<u>\$1,091.15</u>	<u>\$4,062.96</u>
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
Labor, 5,280 feet @ 27c.....	1,425.60		1,425.60
Welds .....	1,584.00		
17.2 tons scrap @ \$11.00.....		189.20	1,394.80
Hauling .....	125.71		125.71
	<u>\$8,325.42</u>	<u>\$1,289.35</u>	<u>\$7,036.07</u>

Cost of parts depreciated with rail.....\$ 8,325.42

Cost of parts depreciated with substructure..... 5,939.00

Total cost of parts depreciated.....\$14,264.42

\$8,325.42 = 58.4% of \$14,264.42

\$5,939.00 = 41.6% of \$14,264.42

The above percentages are to be used to distribute to rail  
and substructure the proper proportion of the part of  
cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,348.61  
 41.6% of \$2,348.61 = amount to be depreciated with sub-  
 structure .....\$ 977.02  
 Actual wearing value of substructure..... 3,918.75

Total value of substructure to be depreciated 5.7%  
 annually .....\$4,895.77  
 5.7% of \$4,985.77 = \$279.06, annual depreciation.  
 58.4% of \$2,348.61 = amount to be depreciated with rail..\$1,371.59  
 Wearing value of rail..... 7,036.07

Total value of rail to be depreciated.....\$8,407.66  
 Original depth of head of rail.....66/64 in.  
 Depth of head when rail is scrap.....40/64 in.  
 Wearing depth.....26/64 in.  
 1/64 in. wear = 1/26 of \$8,407.66 = \$323.37, which is the  
 amount of depreciation for each 1/64 in. wear of rail.

**Part Not Depreciated.**

Excavation .....\$1,393.00

**Recapitulation.**

Part depreciated with rail.....\$ 8,407.66  
 Scrap value of parts depreciated with rail..... 1,289.35  
 Parts depreciated with substructure..... 4,895.77  
 Scrap value of parts depreciated with substructure..... 2,020.25  
 Part not depreciated (excavation)..... 1,393.00

Total.....\$18,006.03



CLASS E.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on stone ballast.

	Amount	Unit Price	Total Cost
Rail, 85 lb. per yard, delivered, tons...	133.57	\$41.00	\$ 5,476.37
Hauling to street, tons.....	133.57	1.00	133.57
Excavation, cubic yards.....	2,786	.50	1,393.00
Stone ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	580.80
Fish plates and bolts, 60 lb. each, tons.	4.72	42.25	199.42
Spikes for rails, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	176	1.25	220.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$14,822.96
Organization, engineering and incidentals, 15%.....			2,223.44
			<hr/>
Total cost per mile.....			\$17,046.40

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

	Cost New	Scrap Value	Wearing Value
Bonds, 176 @ 25c.....	\$ 220.00	\$ 44.00	\$ 176.00
Fish plates and bolts.....	199.42		
4.72 tons scrap @ \$11.00.....		51.92	147.50
Labor, making joints @ 1c per foot..	52.80		52.80
Rail cut-off, 1.5%, cost and hauling...	84.15		
1.91 tons scrap @ \$11.00.....		21.01	63.14
Labor, 5,280 feet @ 14c.....	739.20		739.20
Placing rails, making joints and spiking.....	\$0.09		
Surfacing .....	.02		
Cleaning street and inci- dentals .....	.03		
	<u>\$0.14</u>		
	<u>\$1,295.57</u>	<u>\$116.93</u>	<u>\$1,178.64</u>

Life of joint, 20 years.

Annual depreciation per mile due to joint..... $\frac{\$1,178.64}{20} = \$58.93$   
Annual depreciation in per cent of wearing value..... 5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.3 tons scrap @ \$10.00.....		\$ 53.00	263.80
Tie plates.....	580.80		
7.1 tons scrap @ \$10.00.....		71.00	509.80
Stone ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot	264.00		264.00
Labor, placing ties @ 3c per foot...	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<u>\$5,939.00</u>	<u>\$2,020.25</u>	<u>\$3,918.75</u>

Life of tie, 17.5 years.

Annual depreciation per mile due to tie..... $\frac{\$3,918.75}{17.5} = \$223.93$   
Annual depreciation in per cent of wearing value..... 5.71%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Cost 98.5% of rail, including hauling.	\$5,525.79		
98.5% of scrap, 125.38 tons			
@ \$11.00.....	\$1,379.18		
Less 5c per ft. for removal	260.04		
	<u>\$1,119.14</u>	\$1,119.14	\$4,406.65
Labor @ 12c per foot.....	633.60		633.60
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
	<u>\$6,195.39</u>	<u>\$1,128.14</u>	<u>\$5,067.25</u>
Cost of parts depreciated with joints.....			\$ 1,295.57
Cost of parts depreciated with ties.....			5,939.00
Cost of parts depreciated with rail.....			6,195.39
			<u>\$13,429.96</u>
Total cost of parts depreciated.....			
\$1,295.57 = 9.6% of \$13,429.96			
\$5,939.00 = 44.2% of \$13,429.96			
\$6,195.39 = 46.2% of \$13,429.96			

Above percentages to be used to distribute to joints, ties and rails the proper proportion of part of cost yet to be depreciated.

Part Remaining to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$2,223.44
9.6% of \$2,223.44 = amount to be depreciated with joints..	\$ 213.45
Total wearing value of joints.....	<u>1,178.64</u>
Total value of joints to be depreciated 5% annually...	
5% of \$1,392.09 = \$69.60, annual depreciation.	
44.2% of \$2,223.44 = amount to be depreciated with ties...	\$ 982.76
Total wearing values of ties.....	<u>3,918.75</u>
Total value of ties to be depreciated 5.71% annually..	
5.71% of \$4,901.51 = \$279.88, annual depreciation.	
46.2% of \$2,223.44 = amount to be depreciated with rail..	\$1,027.23
Wearing value of rail.....	<u>5,067.25</u>
Total value of rail to be depreciated.....	
Original depth of head.....	
Depth of head when rail is scrap.....	
Wearing depth.....	
1/37 of \$6,094.48 = \$164.71, depreciation due to 1/64 in. wear.	

Part Not Depreciated.

Excavation .....\$1,393.00

Recapitulation.

Part depreciated with joints.....\$ 1,392.09

Scrap value of part depreciated with joints..... 116.93

Part depreciated with ties..... 4,901.51

Scrap value of part depreciated with ties..... 2,020.25

Part depreciated with rail..... 6,094.48

Scrap value of part depreciated with rail..... 1,128.14

Part not depreciated (excavation)..... 1,393.00

Total.....\$17,046.40

**CLASS E-1.****UNIT PRICE ESTIMATE.****Estimate of Cost to Produce One Mile of Single Track.****7½ in. girder rail, 85 lb., 60 ft. lengths, welded joints, on stone ballast.**

	Amount	Unit Price	Total Cost
Steel rails, 85 lb. per yd., delivered, tons	133.57	\$41.00	\$ 5,476.37
Hauling rail to street, tons.....	133.57	1.00	133.57
Ballast, cubic yards.....	1,500	1.65	2,475.00
Excavation, cubic yards.....	2,786	.50	1,393.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	520.80
Joints welded.....	176	4.50	792.00
Spikes for rail, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$15,195.54
Organization, engineering and incidentals, 15%.....			2,279.33
			<hr/>
Total cost per mile.....			<b>\$17,474.87</b>

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Ties .....	\$1,980.00		\$1,980.00
Tie rods.....	316.80		
5.5 tons scrap @ \$10.00.....		\$ 53.00	263.80
Tie plates.....	580.80		
7.1 tons scrap @ \$10.00.....		71.00	509.80
Rock ballast (deduct 25% for re- claiming) .....	2,475.00	1,856.25	618.75
Labor, placing ballast @ 5c per foot	264.00		264.00
Labor, placing ties @ 3c per foot...	158.40		158.40
Spikes .....	164.00		
4 tons scrap @ \$10.00.....		40.00	124.00
	<u>\$5,939.00</u>	<u>\$2,020.25</u>	<u>\$3,918.75</u>

Life of tie, 17.5 years.

Annual depreciation per mile due to substructure  $\frac{\$3,918.75}{17.5} = \$225.93$

Annual depreciation in per cent of wearing value..... 5.71%

Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Rail .....	\$5,476.37		
133.57 tons scrap @\$11.00.	\$1,400.21		
Less 5c per ft. for removal	264.00		
	<u>\$1,136.21</u>	<u>\$1,136.21</u>	<u>\$4,340.16</u>
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
Labor, 5,280 feet @ 27c.....	1,425.60		1,425.60
Welds .....	792.00		
17.2 tons scrap @ \$11.00.....		189.20	602.80
Hauling .....	133.57		133.57
	<u>\$7,863.54</u>	<u>\$1,384.41</u>	<u>\$6,529.13</u>

Cost of parts depreciated with rail.....\$ 7,863.54

Cost of parts depreciated with substructure..... 5,939.00

Total cost of parts depreciated.....\$13,802.54

\$7,863.54 = 57% of \$13,802.54

\$5,939.00 = 43% of \$13,802.54

The above percentages are to be used to distribute to rail and substructure the proper proportion of the part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,279.33  
 43% of \$2,279.33 = amount to be depreciated with sub-  
 structure .....\$ 980.11  
 Actual wearing value of substructure..... 3,918.75

Total value of substructure to be depreciated 5.71%  
 annually.....**\$4,898.86**  
 5.71% of \$4,898.86 = \$2,792.35, annual depreciation.  
 57% of \$2,279.33 = amount to be depreciated with rail....\$1,299.22  
 Wearing value of rail..... 6,529.13

Total value of rail to be depreciated.....**\$7,828.35**  
 Original depth of head of rail.....77/64 in.  
 Depth of head when rail is scrap.....40/64 in.  
 Wearing depth.....37/64 in.  
 1/37 of \$7,828.35 = \$211.75, which is the amount depre-  
 ciated for 1/64 in. wear.

**Recapitulation.**

Part depreciated with rail.....\$ 7,828.35  
 Scrap value of parts depreciated with rail..... 1,334.41  
 Parts depreciated with substructure..... 4,898.86  
 Scrap value of parts depreciated with substructure..... 2,020.25  
 Part not depreciated (excavation)..... 1,393.00

Total.....**\$17,474.87**

CLASS E-3.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on concrete base, has concrete instead of stone base, otherwise same as Class E.

Total cost Class E per mile.....	\$14,822.96	
1,500 cubic yards concrete @ \$5.50.....	\$8,250.00	
1,500 cubic yards stone @ \$1.65.....	2,475.00	
Add for concrete.....	\$5,575.00	5,575.00
		\$20,597.96
Organization, engineering and incidentals, 15%.....		3,089.70
Total cost per mile.....		\$23,687.66

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Joints.

Same as Class E.

Life of joint, 20 years.

Annual depreciation per mile due to joints.....	\$58.93
Annual depreciation in per cent of wearing value.....	5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Class E.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for concrete (deduct 25% for re- claiming) ..	5,775.00	4,331.25	1,443.75
	\$11,714.00	\$6,351.50	\$5,362.50
Life of tie, 20 years.			
		\$5,362.50	
Annual depreciation per mile due to ties.....		20	\$268.12
Annual depreciation in per cent of wearing value.....			5%

Depreciation of Track Due to Rail.

Same as Class E.

Cost of parts depreciated with joints.....	\$ 1,295.57
Cost of parts depreciated with ties.....	11,714.00
Cost of parts depreciated with rail.....	6,195.39
Total cost of parts depreciated.....	\$19,204.96



$$\$1,295.57 = 6.7\% \text{ of } \$19,204.96$$

$$\$11,714.00 = 61.0\% \text{ of } \$19,204.96$$

$$\$6,195.39 = 32.3\% \text{ of } \$19,204.96$$

The above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

### Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....\$3,089.70

6.7% of \$3,089.70 = amount to be depreciated with joints.\$ 207.01

Wearing value of joints..... 1,178.64

Total value of joints depreciated 5% annually.....**\$1,385.65**

5% of \$1,385.65 = \$69.28, annual depreciation.

61% of \$3,089.70 = amount to be depreciated with ties....\$1,884.72

Wearing value of ties..... 5,362.50

Total value of ties depreciated 5% annually.....**\$7,247.22**

5% of \$7,247.22 = \$362.36, annual depreciation.

32.3% of \$2,089.70 = amount to be depreciated with rail..\$ 997.97

Wearing value of rail..... 5,067.25

Total value of rail depreciated.....**\$6,065.22**

Original depth of head.....77/64 in.

Depth when rail is scrap.....40/64 in.

Wearing depth.....37/64 in.

1/37 of \$6,065.22 = \$163.92, amount of depreciation for  
1/64 in. wear.

### Recapitulation.

Part depreciated with joints.....\$ 1,385.65

Scrap value of part depreciated with joints..... 116.93

Part depreciated with ties..... 7,247.22

Scrap value of part depreciated with ties..... 6,351.50

Part depreciated with rail..... 6,065.22

Scrap value of part depreciated with rail..... 1,128.14

Part not depreciated (excavation)..... 1,393.00

Total.....**\$23,687.66**

CLASS E-5.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

7½ in. girder rail, 85 lb., 30 ft. lengths, bonded, on slag ballast.

	Amount	Unit Price	Total Cost
Rail, 85 lb. per yard, delivered, tons....	133.57	\$41.00	\$ 5,476.37
Hauling to street, tons.....	133.57	1.00	133.57
Excavation, cubic yards.....	2,786	.50	1,393.00
Slag ballast, cubic yards.....	1,500	1.65	2,475.00
Ties, delivered.....	2,640	.75	1,980.00
Tie rods.....	1,056	.30	316.80
Tie plates.....	2,640	.22	580.80
Fish plates and bolts, 60 lb. each, tons	9.44	42.25	398.84
Spikes for rails, kegs.....	30	4.10	123.00
Spikes for tie plates, kegs.....	10	4.10	41.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	352	1.25	440.00
Track laying, feet.....	5,280	.35	1,848.00
			<hr/>
			\$15,242.38
Organization, engineering and incidentals, 15%.....			2,286.36
			<hr/>
Total cost per mile.....			\$17,528.74

## DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.

### Depreciation of Track Due to Joints.

	Cost New	Scrap Value	Wearing Value
Bonds, 352 @ 25c.....	\$ 440.00	\$ 88.00	\$ 352.00
Fish plates and bolts.....	398.84		
9.44 tons scrap @ \$11.00.....		103.84	295.00
Labor, making joints @ 1c.....	52.80		52.80
Rail cut-off, 3%, cost and hauling....	168.30		
3.81 tons scrap @ \$11.00.....		41.91	126.39
Labor, 5,280 feet @ 14c.....	739.20		739.20
Placing rails, making joints and spiking.....	\$0.09		
Surfacing .....	.02		
Cleaning street and inci- dentals .....	.03		
	\$0.14		
	\$1,799.14	\$233.75	\$1,565.39

Life of joint, 20 years.

\$1,565.39

Annual depreciation per mile due to joint.....  $\frac{\text{---}}{20} = \$78.26$

Annual depreciation in per cent of wearing value..... 5%

### Depreciation of Track Due to Ties.

Same as Class E.

Life of tie, 17.5 years.

Annual depreciation per mile due to tie.....\$223.93

Annual depreciation in per cent of wearing value..... 5.71%

### Depreciation of Track Due to Rail.

	Cost New	Scrap Value	Wearing Value
Cost of 97% of rail and hauling....	\$5,441.64		
97% of scrap, 123.27 tons @ \$11.00.....	\$1,355.97		
Less 5c per ft. for removal	256.08		
	\$1,099.89		
		\$1,099.89	\$4,341.73
Labor, 12c per foot.....	633.60		633.60
Cross bonds.....	36.00		
Scrap bonds, 18 @ 50c.....		9.00	27.00
	\$6,111.24	\$1,108.89	\$5,002.35

Cost of parts depreciated with joints.....	\$ 1,799.14
Cost of parts depreciated with ties.....	5,939.00
Cost of parts depreciated with rail.....	6,111.24

Total cost of parts depreciated.....\$13,849.38

\$1,799.14 = 12.9% of \$13,849.38

\$5,939.00 = 43.0% of \$13,849.38

\$6,111.24 = 44.1% of \$13,849.38

The above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

### Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$2,286.36
12.9% of \$2,286.36 = amount to be depreciated with joints..	\$ 294.94
Total wearing value of joints.....	1,565.39

Total value of joints to be depreciated 5% annually..\$1,860.33

5% of \$1,860.33 = \$93.02, annual depreciation.

43% of \$2,286.36 = amount to be depreciated with ties..\$ 983.13

Total wearing value of ties..... 3,918.75

Total value of ties to be depreciated 5.71% annually..\$4,901.88

5.71% of \$4,901.88 = \$279.90, annual depreciation.

44.1% of \$2,286.36 = amount to be depreciated with rail..\$1,008.29

Total wearing value of rail..... 5,002.35

Total value of rail to be depreciated.....\$6,010.64

Original depth of head.....77/64 in.

Depth when rail is scrap.....40/64 in.

Wearing depth.....37/64 in.

1/37 of \$6,010.64 = \$162.45, depreciation due to 1/64 in. wear.

### Recapitulation.

Part depreciated with joints.....	\$ 1,860.33
Scrap value of part depreciated with joints.....	233.75
Part depreciated with ties.....	4,901.88
Scrap value of part depreciated with ties.....	2,020.25
Part depreciated with rail.....	6,010.64
Scrap value of part depreciated with rail.....	1,108.89
Part not depreciated (excavation).....	1,393.00

Total.....\$17,528.74

**CLASS F.****UNIT PRICE ESTIMATE.****Estimate of Cost to Produce One Mile of Single Track.****45 lb. T rail, slag ballast, bonded joints.**

	Amount	Unit Price	Total Cost
Rail, 45 lb. per yard, delivered, tons....	70.71	\$31.00	\$ 2,192.00
Hauling to street, tons.....	70.71	1.00	70.71
Slag ballast, cubic yards.....	1,760	1.65	2,904.00
Ties, delivered.....	2,640	.75	1,980.00
Splice bars, bolts and nut locks, tons...	4	46.50	186.00
Spikes for rails, kegs.....	30	4.10	123.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	352	1.25	440.00
Track laying, feet.....	5,280	.30	1,584.00
			<hr/>
			\$ 9,515.71
Organization, engineering and incidentals, 15%.....			1,427.35
			<hr/>
Total cost per mile.....			<b>\$10,943.06</b>
Owing to renewals in ties, bonds and splice plates, a depreciation of 17.2% has been applied to Class F track.			

**CLASS F-1.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**60 lb. T rail, slag ballast, bonded joints.**

	Amount	Unit Price	Total Cost
Rail, 60 lb. per yard, delivered, tons....	94.29	\$31.00	\$ 2,922.99
Hauling to street, tons.....	94.29	1.00	94.29
Slag ballast, cubic yards.....	1,760	1.65	2,904.00
Ties, delivered.....	2,640	.75	1,980.00
Splice bars, bolts and nut locks, tons..	5.7	38.08	217.06
Spikes, kegs.....	30	4.10	123.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	352	1.25	440.00
Track laying, feet.....	5,280	.30	1,584.00
			<hr/>
			\$10,301.34
Organization, engineering and incidentals, 15%.....			1,545.20
			<hr/>
Total cost per mile.....			<b>\$11,846.54</b>
Owing to renewals in ties, bonds and splice plates, a depreciation of 17.2% has been applied to Class F-1 track.			

CLASS F-3.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

80 lb. T rail, slag ballast, bonded joints.

	Amount	Unit Price	Total Cost
Rail, 80 lb. per yard, delivered, tons....	125.70	\$31.00	\$ 3,897.00
Hauling to street, tons.....	125.70	1.00	125.70
Slag ballast, cubic yards.....	1,760	1.65	2,904.00
Ties, delivered.....	2,640	.75	1,980.00
Splice bars, bolts and nut locks, tons...	8.33	38.08	317.20
Spikes for rails, kegs.....	30	4.10	123.00
Cross bonds.....	18	2.00	36.00
Bonds, 80c; labor, 45c.....	352	1.25	440.00
Track laying, feet.....	5,280	.30	1,584.00
			<hr/>
			\$11,406.90
Organization, engineering and incidentals, 15%.....			1,711.03
			<hr/>
Total cost per mile.....			\$13,117.93

Owing to renewals in ties, bonds and splice plates, a depreciation of 17.2% has been applied to Class F-3 track.

# CLASS 1-B-6.

## UNIT PRICE ESTIMATE.

### Estimate of Cost to Produce One Mile of Single Track.

6 in. girder rail, 75 lb., 30 ft. lengths, welded joints, on stone ballast, no excavation and two tie plates to each tie, otherwise same as Class B-6.

Total cost for Class B-6.....	\$15,166.72	
Deduct for excavation.....	\$1,320.00	
Add for tie plates and spikes.....	621.80	
Net deduction.....	\$ 698.20	698.20
		\$14,468.52
Organization, engineering and incidentals, 15%.....		2,170.28
Total cost per mile.....		\$16,638.80

## DEPRECIATION OF SIX-INCH GIRDER WELDED TRACK.

### Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Total cost for Class B-6.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for tie plates and spikes.....	621.80	81.00	540.80
	\$6,560.80	\$2,101.25	\$4,459.55
Life of tie, 17.5 years.			
		\$4,459.55	
Annual depreciation of substructure per mile...		17.5	= \$254.83
Annual depreciation in per cent of wearing value.....			5.7%

### Depreciation of Track Due to Rail.

Same as for Class B-6.

Cost of parts depreciated with rail.....	\$ 7,907.72
Cost of parts depreciated with substructure.....	6,560.80
Total cost of parts depreciated.....	\$14,468.52
\$7,907.72 = 54.6% of \$14,468.52	
\$6,560.80 = 45.4% of \$14,468.52	

Above percentages to be used to distribute to rails and substructure the proper proportion of part of cost yet to be depreciated.



**60 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....	\$2,170.28
45.4% of \$2,170.28 = amount to be depreciated with sub- structure.....	\$ 985.31
Actual wearing value of substructure.....	4,459.55

Total value of substructure to be depreciated 5.7% annually.....	<b>\$5,444.86</b>
5.7% of \$5,444.86 = \$310.36, annual depreciation.	
54.6% of \$2,170.28 = amount to be depreciated with rail..	\$1,184.97
Actual wearing value of rail.....	6,745.92

Total value of rail to be depreciated.....	<b>\$7,930.89</b>
Wearing depth same as for B-6.....	28 <sup>1</sup> / <sub>64</sub> in.
1/28 of \$7,930.89 = \$283.24, amount to be depreciated for each 1/64 in. wear.	

**Recapitulation.**

Part depreciated with rail.....	\$ 7,930.89
Scrap value of part depreciated with rail.....	1,161.80
Part depreciated with substructure.....	5,444.86
Scrap value of parts depreciated with substructure.....	2,101.25
Total.....	<b>\$16,638.80</b>

**CLASS 1-C.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**6-in girder, 78 lb., 30 ft. lengths, splice plates, bonded, on slag or stone ballast, same as Class C less all excavation.**

Total cost for Class C.....	\$14,707.38
Deduct for excavation.....	1,320.00
	<b>\$13,387.38</b>
Organization, engineering and incidentals, 15%.....	2,008.11

Total cost per mile.....	<b>\$15,395.49</b>
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**DEPRECIATION OF SIX-INCH GIRDER BONDED TRACK.**

**Depreciation of Track Due to Joints.**

Same as Class C.	
Life of joint, 20 years.	
Annual depreciation per mile due to joints.....	\$77.72
Annual depreciation in per cent of wearing value.....	5%

**Depreciation of Track Due to Ties.**

Same as Class C.

Life of tie, 17.5 years.

Annual depreciation due to ties.....\$223.93

Annual depreciation in per cent of wearing value..... 5.7%

**Depreciation of Track Due to Rail.**

Same as Class C.

Cost of parts depreciated with joints.....\$ 1,785.28

Cost of parts depreciated with ties..... 5,939.00

Cost of parts depreciated with rails..... 5,663.10

Total cost of parts depreciated.....\$13,387.38

$\$1,785.28 = 13.3\%$  of \$13,387.38

$\$5,939.00 = 44.4\%$  of \$13,387.38

$\$5,663.10 = 42.3\%$  of \$13,387.38

Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of part of cost yet to be  
depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,008.11

13% of \$2,008.11 = amount to be depreciated with joints..\$ 267.07

Actual wearing value of joints..... 1,554.50

Total value of joints to be depreciated 5% annually...\$1,821.57

5% of \$1,821.57 = \$91.08, annual depreciation.

44.4% of \$2,008.11 = amount to be depreciated with ties..\$ 891.60

Actual wearing value of ties..... 3,918.75

Total value of ties to be depreciated 5.7% annually...\$4,810.35

5.7% of \$4,810.35 = \$274.19, annual depreciation.

42.3% of \$2,008.11 = amount to be depreciated with rail...\$ 849.43

Actual wearing value of rail..... 4,650.79

Total value of rail to be depreciated.....\$5,500.22

Wearing depth same as Class C.....29/64 in.

1/29 of \$5,500.22 = \$189.66, amount to be depreciated for  
each 1/64 in. wear.

**Recapitulation.**

Part to be depreciated with joints.....\$ 1,821.57

Scrap value of part to be depreciated with joints..... 230.78

Part to be depreciated with ties..... 4,810.35

Scrap value of part to be depreciated with ties..... 2,020.25

Part to be depreciated with rail..... 5,500.22

Scrap value of part to be depreciated with rail..... 1,012.31

Total.....\$15,395.48

**CLASS 1-C-1.****UNIT PRICE ESTIMATE.****Estimate of Cost to Produce One Mile of Single Track.**

6 in. girder rail, 78 lb., 30 ft. lengths, Atlas joints, on stone ballast, same as Class C-1, except has no excavation and 2 tie plates to each tie.

Total cost for Class C-1.....\$15,382.14

Deduct for excavation.....\$1,320.00

Add for 100% extra of tie plates and spikes... 621.80

Net deduction.....\$ 698.20 698.20

\$14,683.94

Organization, engineering and incidentals, 15%..... 2,202.58

Total cost per mile.....\$16,886.52

**DEPRECIATION OF SIX-INCH GIRDER BONDED TRACK.****Depreciation of Track Due to Joints.**

Same as Class C-1.

Life of joint, 20 years.

Annual depreciation per mile due to joints.....\$111.46

Annual depreciation in per cent of wearing value..... 5%

**Depreciation of Track Due to Ties.**

	Cost New	Scrap Value	Wearing Value
Total cost for Class C-1.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for tie plates and spikes.....	621.80	81.00	540.80
	<u>\$6,560.80</u>	<u>\$2,101.25</u>	<u>\$4,459.55</u>

Life of tie, 17.5 years.

Annual depreciation due to ties..... $\frac{\$4,459.55}{17.5} = \$254.83$

Annual depreciation in per cent of wearing value..... 5.71%

**Depreciation of Track Due to Rail.**

Same as for Class C-1.

Cost of parts depreciated with joints.....\$ 2,460.04

Cost of parts depreciated with ties..... 6,560.80

Cost of parts depreciated with rail..... 5,663.10

Total cost of parts depreciated.....\$14,683.94

\$2,460.04 = 16.7% of \$14,683.94  
 \$6,560.80 = 44.7% of \$14,683.94  
 \$5,663.10 = 38.6% of \$14,683.94

Above percentages to be used to distribute to joints ties  
 and rails the proper proportion of that part of cost  
 yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,202.58  
 16.7% of \$2,202.58 = amount to be depreciated wiith joints.\$ 367.83  
 Actual wearing value of joints..... 2,229.26

Total value of joints to be depreciated 5% annually...**\$2,597.09**  
 5% of \$2,597.09 = \$129.85, annual depreciation.  
 44.7% of \$2,202.58 = amount to be depreciated with ties..\$ 984.55  
 Actual wearing value of ties..... 4,459.55

Total value of ties to be depreciated 5.7% annually..**\$5,444.10**  
 5.7% of \$5,444.10 = \$310.31, annual depreciation.  
 38.6% of \$2,202.58 = amount to be depreciated with rail...\$ 850.20  
 Actual wearing value of rail..... 4,650.79

Total value of rail to be depreciated.....**\$5,500.99**  
 Wearing depth same as for Class C-1.....29/64 in.  
 1/29 of \$5,500.99 = \$189.68, amount to be depreciated for  
 each 1/64 in. of wear.

**Recapitulation.**

Part to be depreciated with joints.....\$ 2,597.09  
 Scrap value of part to be depreciated with joints..... 230.78  
 Part to be depreciated with ties..... 5,444.10  
 Scrap value of part to be depreciated with ties..... 2,101.25  
 Part to be depreciated with rail..... 5,500.99  
 Scrap value of part to be depreciated with rail..... 1,012.31  
 Total.....**\$16,886.52**

**CLASS 1-C-3.****UNIT PRICE ESTIMATE.****Estimate of Cost to Produce One Mile of Single Track.**

6 in. girder rail, 78 lb., 30 ft. lengths, welded joints, stone ballast; no excavation, otherwise same as Class C-3.

Total cost for Class C-3.....	\$15,364.54
Deduct for excavation.....	1,320.00

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\$14,044.54

Organization, engineering and incidentals, 15%.....	2,106.68
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Total cost per mile.....**\$16,151.22**

**DEPRECIATION OF SIX-INCH GIRDER WELDED TRACK.****Depreciation of Track Due to Ties.**

Same as Class C-3.

Life of tie, 17.5 years.

Annual depreciation due to ties.....	\$223.93
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Annual depreciation in per cent of wearing value.....	5.7%
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**Depreciation of Track Due to Rail.**

Same as Class C-3.

Cost of parts depreciated with ties.....	\$ 5,939.00
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Cost of parts depreciated with rail.....	8,105.54
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Total cost of parts depreciated.....\$14,044.54

$\$5,939.00 = 52.3\%$  of \$14,044.54

$\$8,105.54 = 57.0\%$  of \$14,044.54

The above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of the cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....	\$2,106.68
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42.3% of \$2,106.68 = amount to be depreciated with sub-structure .....

	\$ 891.13
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Actual wearing value of substructure.....	3,918.75
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Total value of substructure to be depreciated 5.7% annually.....

**\$4,809.88**

5.7% of \$4,809.88 = \$274.16, annual depreciation.

57.7% of \$2,106.68 = amount to be depreciated with rail...	\$1,215.55
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Actual wearing value of rail.....	6,928.45
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Total value of rail to be depreciated.....**\$8,144.00**

Wearing depth same as Class C-3.....29/64 in.  
 1/29 of \$8,144.00 = \$280.83, amount to be depreciated for  
 each 1/64 in. wear.

**Recapitulation.**

Part to be depreciated with rail.....	\$ 8,144.00
Scrap value of part to be depreciated with rail.....	1,177.09
Part to be depreciated with substructure.....	4,809.88
Scrap value of substructure.....	2,020.75
Total.....	<b>\$16,151.22</b>

**CLASS 2-C-3.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

6 in. girder rail, 78 lb., 30 ft. lengths, welded joints, on stone ballast; has  
 two tie plates with each tie, otherwise same as Class C-3.

Total cost for Class C-3.....	\$15,364.54
Add for tie plates.....	621.80
	<b>\$15,986.34</b>
Organization, engineering and incidentals, 15%.....	2,397.95
Total cost per mile.....	<b>\$18,384.29</b>

**DEPRECIATION OF SIX-INCH GIRDER WELDED TRACK.**

**Depreciation of Track Due to Ties.**

	Cost New	Scrap Value	Wearing Value
Total cost for Class C-3.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for twice number of tie plates..	621.80	81.00	540.80
	<b>\$6,560.80</b>	<b>\$2,101.25</b>	<b>\$4,459.55</b>
Life of tie, 17.5 years.			
			<b>\$4,459.55</b>
Annual depreciation per mile due to substructure			$\frac{\$4,459.55}{17.5} = \$254.83$
Annual depreciation in per cent of wearing value.....			5.7%

**Depreciation of Track Due to Rail.**

Same as Class C-3.

Percentages to distribute to ties and rails the proper pro-  
 portion of that part of cost yet to be depreciated, same  
 as for Class C-3.

For rail.....	57.7%
For substructure.....	42.3%

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15% .....	\$2,397.95
42.3% of \$2,397.95 = amount to be depreciated with sub- structure .....	\$1,014.33
Actual wearing value of substructure .....	4,459.55
Total value to be depreciated 5.7% annually .....	<b>\$5,473.88</b>
5.7% of \$5,473.88 = \$312.01, annual depreciation.	
57.7% of \$2,397.95 = amount to be depreciated with rail..	\$1,383.62
Actual wearing value of rail .....	6,928.45
Total value of rail to be depreciated .....	<b>\$8,312.07</b>
Wearing depth of head, same as for Class C-3....29/64 in.	
1/29 of \$8,312.07 = \$286.16, amount to be depreciated for each 1/64 in. wear.	

**Part Not Depreciated.**

Excavation .....	<b>\$1,320.00</b>
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**Recapitulation.**

Part depreciated with rail .....	\$ 8,312.07
Scrap value of part depreciated with rail .....	1,177.09
Part depreciated with substructure .....	5,473.88
Scrap value of part depreciated with substructure .....	2,101.25
Part not depreciated (excavation) .....	1,320.00
Total .....	<b>\$18,384.29</b>

**CLASS 3-C-3.****UNIT PRICE ESTIMATE.****Estimate of Cost to Produce One Mile of Single Track.**

6 in. girder rail, 78 lb., 30 ft. lengths, welded joints, on stone ballast; same as Class 2-C-3, less all excavation.	
Total cost for Class 2-C-3 .....	\$15,986.34
Deduct for excavation .....	1,320.00
	<b>\$14,666.34</b>
Organization, engineering and incidentals, 15% .....	2,199.95
Total cost per mile .....	<b>\$16,866.29</b>

**DEPRECIATION OF SIX-INCH GIRDER WELDED TRACK.**

Depreciation due to ties and rails the same as for Class 2-C-3.  
Percentages to distribute to ties and rails the proper proportion of that part of cost yet to be distributed:

For rail.....57.7%  
For ties.....42.3%

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,199.95  
42.3% of \$2,199.95 = amount to be depreciated with sub-  
structure .....\$ 930.58  
Actual wearing value of substructure..... 4,459.55

Total value to be depreciated 5.7% annually.....**\$5,390.13**  
5.7% of \$5,390.13 = \$307.24, annual depreciation.  
57.7% of \$2,199.95 = amount to be depreciated with rail..\$1,269.37  
Actual wearing value of rail..... 6,928.45

Total value of rail to be depreciated.....**\$8,197.82**  
Wearing depth same as for Class 2-C-3.....29/64 in.  
1/29 of \$8,197.82 = \$282.68, amount to be depreciated for  
each 1/64 in. wear.

**Recapitulation.**

Part to be depreciated with rail.....\$ 8,197.82  
Scrap value of part depreciated with rail..... 1,177.09  
Part depreciated with substructure..... 5,390.13  
Scrap value of part depreciated with substructure..... 2,101.25  
  
Total.....**\$16,866.29**

**CLASS 1-D.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**7 in. girder rail, 80 lb., 30 ft. lengths, bonded, on stone ballast; no excavation, otherwise same as Class D.**

Total cost for Class D.....\$14,912.26  
Deduct for excavation..... 1,393.00

.....\$13,519.26  
Organization, engineering and incidentals, 15%..... 2,027.89

Total cost per mile.....**\$15,547.15**



DEPRECIATION OF SEVEN-INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

Same as Class D.

Annual depreciation per mile due to joint.....\$77.84  
Annual depreciation in per cent of wearing value..... 5%

Depreciation of Track Due to Ties.

Same as Class D.

Annual depreciation per mile due to ties.....\$223.93  
Annual depreciation in per cent of wearing value..... 5.7%

Depreciation of Track Due to Rail.

Same as Class D.

Cost of parts depreciated with joints.....\$ 1,789.24  
Cost of parts depreciated with ties..... 5,939.00  
Cost of parts depreciated with rail..... 5,791.03

Total cost of parts depreciated.....\$13,519.27

$\$1,789.24 = 13.2\%$  of \$13,519.27

$\$5,939.00 = 43.9\%$  of \$13,519.27

$\$5,791.03 = 42.9\%$  of \$13,519.27

Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of that part of cost yet  
to be depreciated.

Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....\$2,027.89  
13.2% of \$2,027.89 = amount to be depreciated with joints..\$ 267.67  
Actual wearing value of joints..... 1,556.81

Total value of joints depreciated 5% annually.....\$1,824.48

5% of \$1,824.48 = \$91.22, annual depreciation.

43.9% of \$2,027.89 = amount to be depreciated with ties..\$ 890.24  
Actual wearing value of ties..... 3,918.75

Total value of ties to be depreciated 5.7% annually..\$4,808.99

5.7% of \$4,808.99 = \$274.11, annual depreciation.

42.9% of \$2,027.89 = amount to be depreciated with rail..\$ 869.97  
Actual wearing value of rail..... 4,723.61

Total value of rail to be depreciated.....\$5,593.58

Wearing depth same as for Class D.

Penn. rail section, 80-91.....26/64 in.

Wharton rail.....32/64 in.

1/26 of \$5,593.58 = \$215.14, amount of depreciation for  
each 1/64 in. wear (Penn.).

1/32 of \$5,593.58 = \$174.79, amount of depreciation for each 1/64 in. wear (Wharton).

**Recapitulation.**

Part depreciated with joints.....	\$ 1,824.48
Scrap value of part depreciated with joints.....	232.43
Part depreciated with ties.....	4,808.99
Scrap value of part depreciated with ties.....	2,020.25
Part depreciated with rail.....	5,593.58
Scrap value of part depreciated with rail.....	1,067.42
Total.....	<b>\$15,547.15</b>

**CLASS 1-D-1.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7 in. girder rail, 80 lb., 30 ft. lengths, welded joints, on stone ballast; no excavation, otherwise same as D-1.

Total cost for Class D-1.....	\$15,657.42
Deduct excavation.....	1,393.00

\$14,264.42

Organization, engineering and incidentals, 15%.....	2,139.66
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Total cost per mile.....	<b>\$16,404.08</b>
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**DEPRECIATION OF SEVEN-INCH GIRDER WELDED TRACK.**

Annual depreciation of substructure material is the same as Class D-1.....\$223.93

Percentages to distribute to ties and rails the proper proportion of that part of cost yet to be depreciated, same as for Class D-1.

For ties.....	41.6%
For rail.....	58.4%

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....	\$2,139.66
41.6% of \$2,139.66 = amount to be depreciated with substructure .....	\$ 890.10
Wearing value of substructure.....	3,918.75

Total value to be depreciated 5.7% annually.....	<b>\$4,808.85</b>
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**CLASS 1-E.****UNIT PRICE ESTIMATE.****Estimate of Cost to Produce One Mile of Single Track.**

**4½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on stone ballast; no excavation, otherwise same as Class E.**

Total cost for Class E.....	\$14,822.96
Deduct for excavation.....	1,393.00
	<hr/>
	\$13,429.96
Organization, engineering and incidentals, 15%.....	2,014.49
	<hr/>
Total cost per mile.....	<b>\$15,444.45</b>

**DEPRECIATION OF FOUR AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.**

**Depreciation of Track Due to Joints.**

Same as Class E.

Life of joint, 20 years.

Annual depreciation per mile due to joints.....\$58.93

Annual depreciation in per cent of wearing value..... 5%

**Depreciation of Track Due to Ties.**

Same as Class E.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....\$223.93

Annual depreciation in per cent of wearing value..... 5.71%

**Depreciation of Track Due to Rail.**

Same as Class E.

Cost of parts depreciated with joints.....\$ 1,295.57

Cost of parts depreciated with ties..... 5,939.00

Cost of parts depreciated with rail..... 6,195.39

Total cost of parts depreciated.....\$13,429.96

\$1,295.57 = 9.6% of \$13,429.96

\$5,939.00 = 44.2% of \$13,429.96

\$6,195.39 = 46.2% of \$13,429.96

The above percentages to be used to distribute to joints, ties and rail the proper proportion of that part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization engineering and incidentals, 15%.....\$2,014.49  
 9.6% of \$2,014.49 = amount to be depreciated with joints.\$ 193.39  
 Actual wearing value of joints..... 1,178.64

Total value of joints to be depreciated 5% annually...**\$1,372.03**  
 5% of \$1,372.03 = \$68.60, annual depreciation.  
 44.2% of \$2,014.49 = amount to be depreciated with ties..\$ 890.40  
 Actual wearing value of ties..... 3,918.75

Total value of ties to be depreciated 5.7% annually...**\$4,809.15**  
 5.7% of \$4,809.15 = \$274.12, annual depreciation.  
 46.2% of \$2,014.49 = amount to be depreciated with rails..\$ 930.70  
 Actual wearing value of rails..... 5,067.25

Total value of rails to be depreciated.....**\$5,997.95**  
 Wearing depth same as Class E.....37/64 in.  
 1/37 of \$5,997.95 = \$162.11, amount of depreciation for  
 each 1/64 in. wear.

**Recapitulation.**

Part to be depreciated with joints.....\$ 1,372.03  
 Scrap value of parts depreciated with joints..... 116.93  
 Part depreciated with ties..... 4,809.15  
 Scrap value of part depreciated with ties..... 2,020.25  
 Part depreciated with rail..... 5,997.95  
 Scrap value of part depreciated with rail..... 1,128.14  
 Total.....**\$15,444.45**

**CLASS 2-E.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on stone ballast; two tie  
 plates to each tie, otherwise same as Class E.

Total cost for Class E.....\$14,822.96  
 Add for double number of tie plates and spikes..... 621.80

.....\$15,444.76  
 Organization, engineering and incidentals, 15%..... 2,316.71

Total cost per mile.....**\$17,761.47**

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS  
INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

Same as for Class E.  
Life of joint, 20 years.  
Annual depreciation per mile due to joints.....\$58.93  
Annual depreciation in per cent of wearing value..... 5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Total cost for Class E.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for double number of tie plates..	621.80	81.00	540.80
	<hr/>	<hr/>	<hr/>
	\$6,560.80	\$2,101.25	\$4,489.55
Life of tie, 17.5 years.			
		\$4,459.55	
Annual depreciation per mile due to ties.....		<hr/>	\$254.83
		17.5	
Annual depreciation in per cent of wearing value.....			5.7%

Depreciation of Track Due to Rail.

Same as Class E.  
Cost of parts depreciated with joints.....\$ 1,295.57  
Cost of parts depreciated with ties..... 6,560.80  
Cost of parts depreciated with rail..... 6,195.39

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Total cost of parts depreciated.....\$14,051.76  
\$1,295.57 = 9.2% of \$14,051.76  
\$6,560.80 = 46.7% of \$14,051.76  
\$6,195.39 = 44.1% of \$14,051.76

Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of that part of cost yet  
to be depreciated.

Part Yet to be Depreciated.

Organization, engineering and incidentals. 15% .....\$2,316.71  
9.2% of \$2,316.71 = amount to be depreciated with joints.\$ 213.14  
Actual wearing value of joints..... 1,178.64

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Total value of joints to be depreciated 5% annually..\$1,391.78  
5% of \$1,391.78 = \$69.59, annual depreciation.  
46.7% of \$2,316.71 = amount to be depreciated with ties..\$1,081.90  
Actual wearing value of ties..... 4,459.55

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Total value of ties to be depreciated 5.7% annually...\$5,541.45  
5.7% of \$5,541.45 = \$315.86, annual depreciation.

44.1% of \$2,316.71 = amount to be depreciated with rail..\$1,021.67  
Actual wearing value of rail..... 5,067.25

Total value of rail to be depreciated.....**\$6,088.92**  
Wearing depth same as Class E.....37/64 in.  
1/37 of \$6,088.92 = \$164.56, amount to be depreciated for  
each 1/64 in. wear.

**Part Yet to be Depreciated.**

Excavation .....**\$1,393.00**

**Recapitulation.**

Part depreciated with joints.....\$ 1,391.78  
Scrap value of part depreciated with joints..... 116.93  
Part depreciated with ties..... 5,541.45  
Scrap value of part depreciated with ties..... 2,101.25  
Part depreciated with rail..... 6,088.92  
Scrap value of part depreciated with rail..... 1,128.14  
Part not depreciated (excavation)..... 1,393.00  
  
Total.....**\$17,761.47**

**CLASS 3-E.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on stone ballast; no excavation, otherwise same as Class 2-E.

Total cost for Class 2-E.....\$15,444.76  
Deduct for excavation..... 1,393.00

**\$14,051.76**  
Organization, engineering and incidentals, 15%..... 2,107.77

Total cost per mile.....**\$16,159.53**

**DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.**

**Depreciation of Track Due to Joints.**

Same as Class 2-E.

Life of joint, 20 years.

Annual depreciation per mile due to joints.....\$58.93  
Annual depreciation in per cent of wearing value..... 5%

**Depreciation of Track Due to Ties.**

Same as Class 2-E.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....\$254.83

Annual depreciation in per cent of wearing value..... 5.7%

**Depreciation of Track Due to Rail.**

Same as Class 2-E.

Cost of parts depreciated with joints.....\$ 1,295.59

Cost of parts depreciated with ties..... 6,560.80

Cost of parts depreciated with rail..... 6,195.39

Total cost of parts depreciated.....\$14,051.78

 $\$1,295.59 = 9.2\%$  of \$14,051.78 $\$6,560.80 = 46.7\%$  of \$14,051.78 $\$6,195.39 = 44.1\%$  of \$14,051.78**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,107.77

 $9.2\%$  of \$2,107.77 = amount to be depreciated with joints.\$ 193.91

Actual wearing value of joints..... 1,178.64

Total value of joints to be depreciated 5% annually..\$1,372.55

 $5\%$  of \$1,372.55 = \$68.63, annual depreciation. $46.7\%$  of \$2,107.77 = amount to be depreciated with ties..\$ 984.33

Actual wearing value of ties..... 4,459.55

Total value of ties to be depreciated 5.7% annually...\$5,443.88

 $5.7\%$  of \$5,443.88 = \$310.30, annual depreciation. $44.1\%$  of \$2,107.77 = amount to be depreciated with rail..\$ 929.53

Wearing value of rail..... 5,067.25

Total value of rail to be depreciated.....\$5,996.78

Wearing depth same as for Class 2-E.....37/64 in.

 $1/37$  of \$5,996.78 = \$162.07, amount to be depreciated for  
1/64 in. of wear.**Recapitulation.**

Part depreciated with joints.....\$ 1,372.55

Scrap value of part depreciated with joints..... 116.93

Part depreciated with ties..... 5,443.88

Scrap value of part depreciated with ties..... 2,101.25

Part depreciated with rail..... 5,996.78

Scrap value of part depreciated with rail..... 1,128.14

Total.....\$16,159.53

# CLASS 1-E-1.

## UNIT PRICE ESTIMATE.

### Estimate of Cost to Produce One Mile of Single Track.

7½ in. girder rail, 85 lb., 60 ft. lengths, welded joints, on stone ballast; no excavation, otherwise same as Class E-1.

Total cost for Class E-1.....	\$15,195.54
Deduct for excavation.....	1,393.00

\$13,802.54

Organization, engineering and incidentals, 15%.....	2,020.37
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Total cost for Class 1-E-1.....	\$15,872.91
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## DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER WELDED TRACK.

### Depreciation of Track Due to Ties.

Same as Class E-1.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....	\$223.93
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Annual depreciation in per cent of wearing value.....	5.71%
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### Depreciation of Track Due to Rail.

Same as Class E-1.

Cost of parts depreciated with ties.....	\$ 5,939.00
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Cost of parts depreciated with rail.....	7,863.54
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Total cost of parts depreciated.....	\$13,802.54
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\$5,939.00 = 43% of \$13,802.54

\$7,863.54 = 57% of \$13,802.54

The above percentages are to be used to distribute to ties and rail the proper proportion of the part of cost yet to be depreciated.

### Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$2,070.37
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43% of \$2,070.37 = amount to be depreciated with sub-structure .....

	\$ 890.26
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Wearing value of substructure.....	3,918.75
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Total value to be depreciated 5.7% annually.....	\$4,809.01
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5.7% of \$4,809.01 = \$274.11, annual depreciation.

57% of \$2,070.37 = amount to be depreciated with rail....	\$1,180.11
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Wearing value of rail.....	6,529.13
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Total value to be depreciated.....	\$7,709.24
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Wearing depth same as for Class E-1.....37/64 in.  
1/37 of \$7,709.24 = \$208.36, amount to be depreciated for  
each 1/64 in. of wear.

Recapitulation.

Part depreciated with rail.....	\$ 7,709.24
Scrap value of part depreciated with rail.....	1,334.41
Part depreciated with substructure.....	4,809.01
Scrap value of part depreciated with substructure.....	2,020.25
Total.....	<u>\$15,872.91</u>

CLASS 2-E-1.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

7<sup>3</sup>/<sub>16</sub> in. girder rail, 85 lb., 60 ft. lengths, welded joints, on stone ballast;  
two tie plates to each tie, otherwise same as Class E-1.

Total cost for Class E-1.....	\$15,195.54
Add for extra tie plates.....	621.80
	<u>\$15,817.34</u>
Organization, engineering and incidentals, 15%.....	2,372.45
Total cost per mile.....	<u>\$18,189.79</u>

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-  
INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Class E-1, total.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for extra tie plates.....	621.80	81.00	540.80
	<u>\$6,560.80</u>	<u>\$2,101.25</u>	<u>\$4,459.55</u>

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....	\$254.83
Annual depreciation in per cent of wearing value.....	5.7%

Depreciation of Track Due to Rail.

Same as Class E-1.

Cost of parts depreciated with substructure.....	\$ 6,560.80
Cost of parts depreciated with rail.....	7,863.54
Total cost of parts depreciated.....	<u>\$14,424.34</u>

$$\begin{aligned} \$6,560.80 &= 45.5\% \text{ of } \$14,424.34 \\ \$7,863.54 &= 54.5\% \text{ of } \$14,424.34 \end{aligned}$$

The above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....	\$2,372.45
45.5% of \$2,372.45 = amount to be depreciated with sub-structure .....	\$1,079.46
Wearing value of ties.....	4,459.55
Total to be depreciated 5.7% annually.....	<b>\$5,539.01</b>
5.7% of \$5,539.01 = \$315.72, annual depreciation.	
54.5% of \$2,372.45 = amount to be depreciated with rail..	\$1,292.99
Wearing value of rail.....	6,529.13

Total value of rail to be depreciated.....	<b>\$7,822.12</b>
Wearing depth same as Class E-1.....	37/64 in.
1/37 of \$7,822.12 = \$211.41, amount to be depreciated for each 1/64 in. wear.	

**Recapitulation.**

Part to be depreciated with rail.....	\$ 7,822.12
Scrap value of part depreciated with rail.....	1,334.41
Part to be depreciated with substructure.....	5,539.01
Scrap value of part depreciated with substructure.....	2,101.25
Part not depreciated (excavation).....	1,393.00
Total.....	<b>\$18,189.79</b>

**CLASS 3-E-1.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7½ in. girder, 85 lb., 60 ft. lengths, welded joints, on stone ballast; two tie plates to each tie, otherwise same as Class 1-E-1.

Total for Class 1-E-1.....	\$13,802.54
Add for extra tie plates.....	621.80
	<b>\$14,424.34</b>
Organization, engineering and incidentals, 15%.....	2,163.65
Total cost per mile.....	<b>\$16,587.99</b>

## DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS- INCH GIRDER WELDED TRACK.

### Depreciation of Track Due to Ties.

Same as Class 2-E.

Annual depreciation per mile due to ties.....	\$258.83
Annual depreciation in per cent of wearing value.....	5.7%

### Depreciation of Track Due to Rail.

Same as Class E-1.

Cost of parts depreciated with rail.....	\$ 7,863.64
Cost of parts depreciated with ties.....	6,560.80

Total cost of parts depreciated.....	\$14,424.44
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$\$7,863.64 = 54.5\%$  of \$14,424.44

$\$6,560.80 = 45.5\%$  of \$14,424.44

Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of that part of cost yet  
to be depreciated.

### Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$2,163.65
45.5% of \$2,163.65 = amount to be depreciated with ties..	\$ 984.46
Wearing value of ties.....	4,459.55

Total value of ties to be depreciated 5.7% annually...	\$5,444.01
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5.7% of \$5,444.01 = \$310.31, annual depreciation.

54.5% of \$2,163.65 = amount to be depreciated with rail...	\$1,179.19
Wearing value of rail.....	6,529.13

Total value of rail to be depreciated.....	\$7,708.32
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Wearing depth same as Class E-1.....37/64 in.

1/37 of \$7,708.32 = \$208.33, amount to be depreciated for  
each 1/64 in. of wear.

### Recapitulation.

Part depreciated with rail.....	\$ 7,708.32
Scrap value of part depreciated with rail.....	1,334.41
Part depreciated with substructure.....	5,444.01
Scrap value of part depreciated with substructure.....	2,101.25

Total.....	\$16,587.99
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**CLASS 1-E-3.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on concrete; two tie plates for each tie, otherwise same as Class E-3.

Total cost Class E-3.....	\$20,597.96
Add for tie plates and spikes.....	621.80
	<hr/>
	\$21,219.76
Organization, engineering and incidentals, 15%.....	3,182.96
	<hr/>
Total cost per mile.....	\$24,402.72

**DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER RAIL.**

**Depreciation of Track Due to Joints.**

Same as Class E-3.

Annual depreciation per mile due to joints.....	\$58.93
Annual depreciation in per cent of wearing value.....	5%

**Depreciation of Track Due to Ties.**

	Cost New	Scrap Value	Wearing Value
Total cost Class E-3.....	\$11,714.00	\$6,351.50	\$5,362.50
Add for tie plates.....	621.80	81.00	540.80
	<hr/>	<hr/>	<hr/>
	\$12,335.80	\$6,432.50	\$5,903.30

Life of tie, 20 years.

Annual depreciation per mile due to ties.....	\$295.15
Annual depreciation in per cent of wearing value.....	5%

**Depreciation of Track Due to Rail.**

Same as Class E-3.

Cost of parts to be depreciated with joints.....	\$ 1,295.57
Cost of parts to be depreciated with ties.....	12,335.80
Cost of parts to be depreciated with rail.....	6,195.39

Total cost of parts depreciated.....\$19,826.76

$$\begin{aligned} \$1,295.57 &= 6.5\% \text{ of } \$19,826.76 \\ \$12,335.80 &= 62.2\% \text{ of } \$19,826.76 \\ \$6,195.35 &= 31.3\% \text{ of } \$19,826.76 \end{aligned}$$

Above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

## 22 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

### Part Yet to be Depreciated.

Organization, engineering and incidentals, 15% .....\$3,182.96  
6.5% of \$3,182.96 = amount to be depreciated with joints..\$ 206.89  
Wearing value of joints..... 1,178.64

Total to be depreciated 5% annually.....**\$1,385.53**  
5% of \$1,385.53 = \$19.28, annual depreciation.  
62.2% of \$3,182.96 = amount to be depreciated with ties..\$1,979.80  
Wearing value of ties..... 5,903.30

Total value of ties to be depreciated 5% annually....**\$7,883.10**  
5% of \$7,883.10 = \$394.15, annual depreciation.  
31.3% of \$3,182.96 = amount to be depreciated with rail..\$ 996.27  
Wearing value of rail..... 5,067.25

Total value to be depreciated.....**\$6,063.52**  
Wearing depth same as Class E-3.....37/64 in.  
1/37 of \$6,063.52 = \$163.88, amount to be depreciated, for  
each 1/64 in. of wear.

### Part Not Depreciated.

Excavation .....**\$1,393.00**

### Recapitulation.

Part depreciated with joints.....\$ 1,385.53  
Scrap value of part depreciated with joints..... 116.93  
Part depreciated with ties..... 7,883.10  
Scrap value of part depreciated with ties..... 6,432.50  
Part depreciated with rail..... 6,063.52  
Scrap value of part depreciated with rail..... 1,128.14  
Part not depreciated (excavation)..... 1,393.00  
  
Total.....**\$24,402.72**

CLASS 1-E-5.

UNIT PRICE ESTIMATE.

7½ in. girder rail, 85 lb., 30 ft. lengths, bonded, on slag; two tie plates to each tie, otherwise same as Class E-5.

Total for Class E-5.....	\$15,242.38	
Deduct for excavation.....	\$1,393.00	
Add for tie plates.....	621.80	
Net deduction.....	\$ 771.20	771.20
		\$14,471.18
Organization, engineering and incidentals, 15%.....		2,170.68
Total cost per mile.....		\$16,641.86

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

Same as Class E-5.

Annual depreciation per mile due to joint.....	\$78.26
Annual depreciation in per cent of wearing value.....	5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Class E-5.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for tie plates.....	621.80	81.00	540.80
	\$6,560.80	\$2,101.25	\$4,459.55
		\$4,459.55	
Annual depreciation per mile due to ties.....		17.5	\$254.83
Annual depreciation in per cent of wearing value.....			5.7%

Depreciation of Track Due to Rails.

Same as Class E-5.

Cost of parts depreciated with joints.....	\$ 1,799.14
Cost of parts depreciated with ties.....	6,560.80
Cost of parts depreciated with rail.....	6,111.24
Total cost of parts depreciated.....	\$14,471.18
\$1,799.14 = 12.4% of \$14,471.18	
\$6,560.80 = 45.3% of \$14,471.18	
\$6,111.24 = 42.3% of \$14,471.18	

Above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

## 82 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

### Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....\$3,182.96  
6.5% of \$3,182.96 = amount to be depreciated with joints..\$ 206.89  
Wearing value of joints..... 1,178.64

Total to be depreciated 5% annually.....**\$1,385.53**  
5% of \$1,385.53 = \$69.28, annual depreciation.  
62.2% of \$3,182.96 = amount to be depreciated with ties..\$1,979.80  
Wearing value of ties..... 5,903.30

Total value of ties to be depreciated 5% annually....**\$7,883.10**  
5% of \$7,883.10 = \$394.15, annual depreciation.  
31.3% of \$3,182.96 = amount to be depreciated with rail..\$ 996.27  
Wearing value of rail..... 5,067.25

Total value to be depreciated.....**\$6,063.52**  
Wearing depth same as Class E-3.....37/64 in.  
1/37 of \$6,063.52 = \$163.88, amount to be depreciated, for  
each 1/64 in. of wear.

### Part Not Depreciated.

Excavation .....**\$1,393.00**

### Recapitulation.

Part depreciated with joints..	\$ 1,385.53
Scrap value of part depreciated with joints ..	116.03
Part depreciated with ties..	7,883.10
Scrap value of part depreciated with ties ..	6,450.00
Part depreciated with rail ..	6,063.52
Scrap value of part depreciated with rail ..	1,120.00
Part not depreciated (excavation) ..	1,393.00
Total.....	<b>\$24,400.18</b>

CLASS 1-E-5.

UNIT PRICE ESTIMATE.

7½ in. girder rail, 85 lb., 30 ft. lengths, bonded, on slag; two tie plates to each tie, otherwise same as Class E-5.

Total for Class E-5.....	\$15,242.38
Deduct for excavation.....	\$1,393.00
Add for tie plates.....	621.80

Net deduction.....	\$ 771.20	771.20
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\$14,471.18

Organization, engineering and incidentals, 15%.....	2,170.68
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Total cost per mile.....	\$16,641.86
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DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

Same as Class E-5.

Annual depreciation per mile due to joint.....	\$78.26
Annual depreciation in per cent of wearing value.....	5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Class E-5.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for tie plates.....	621.80	81.00	540.80
	\$6,560.80	\$2,101.25	\$4,459.55
		\$4,459.55	
Annual depreciation per mile due to ties.....		17.5	\$254.83
Annual depreciation in per cent of wearing value.....			5.7%

Depreciation of Track Due to Rails.

Same as Class E-5.

Parts depreciated with joints.....	\$ 1,799.14
Parts depreciated with ties.....	6,560.80
Parts depreciated with rail.....	6,111.24
Total of parts depreciated.....	\$14,471.18

14 = 12.4% of \$14,471.18  
80 = 45.3% of \$14,471.18  
24 = 42.3% of \$14,471.18

be used to distribute to joints, ties  
r proportion of that part of cost yet



Part Yet-to be Depreciated.

Organization, engineering and incidentals, 15%.....\$2,170.  
 12.4% of \$2,170.68 = amount to be depreciated with joints.\$ 269.  
 Wearing value of joints..... 1,565.

Total to be depreciated 5% annually.....\$1,834.  
 5% of \$1,834.55 = \$91.73, annual depreciation.  
 45.3% of \$2,170.68 = amount to be depreciated with ties..\$ 983.  
 Wearing value of ties..... 4,459.

Total to be depreciated 5.7% annually.....\$5,442.  
 5.7% of \$5,442.87 = \$310.24, annual depreciation.  
 42.3% of \$2,170.68 = amount to be depreciated with rail..\$ 918.  
 Wearing value of rail..... 5,002.

Total value to be depreciated with rail.....\$5,920.  
 Wearing depth same as Class E-5.....37/64 in.  
 1/37 of \$5,920.55 = \$160.01, amount to be depreciated for  
 each 1/64 in. of wear.

Recapitulation.

Part depreciated with joints.....\$ 1,834.  
 Scrap value of parts depreciated with joints..... 233.  
 Part depreciated with ties..... 5,442.  
 Scrap value of part depreciated with ties..... 2,101.  
 Part depreciated with rail..... 5,920.  
 Scrap value of part depreciated with rail..... 1,108.

Total.....\$16,641.8

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## SECTION 1-B.

## TRACK SPECIAL WORK. SUMMARY.

Description	Amount No.	Unit Price New	Total Cost New
Single track crossing, 90 degree....	10	\$ 223.00	\$ 2,230.00
Single track crossing, 45 degree....	4	273.00	1,092.00
Single track crossing, electric over steam, 90 degree.....	66	413.00	27,258.00
45 degree.....	91	463.00	42,133.00
Single track T-rail crossing—			
90 degree.....	4	322.00	1,288.00
45 degree.....	6	372.00	2,232.00
Single track branch-off.....	8	844.00	6,752.00
Double track crossing, 90 degree...	5	903.00	4,515.00
Double track crossing, 45 degree...	3	1,003.00	3,009.00
Double track crossing, curves in one quadrant .....	2	3,898.00	7,796.00
Double track crossing, curve in one quadrant plus inside curve in adjacent quadrant.....	1	4,902.00	4,902.00
Double track crossing, curves in one quadrant, 45 degree.....	1	3,998.00	3,998.00
Double track crossing, curves in two adjacent quadrants minus two single track crossings.....	1	6,221.00	6,221.00
Double track through "Y".....	1/2	3,866.00	1,933.00
Double track three-part "Y".....	3	4,235.00	12,705.00
Double track branch-off.....	14	1,879.00	26,306.00
Double track branch-off minus sin- gle track branch-off.....	1	935.00	935.00
Cross-over .....	14	888.00	12,432.00
Turn-out .....	16	815.00	13,040.00
Plain curved track, 90 feet long....	47	441.00	20,727.00
Extra curved track.....1,698 ft.		4.90	8,320.00
Curved track, 60-lb. T-rail, plain...5,507 ft.		2.50	13,767.00
60-lb. T-rail curve, strap guarded...1,585 ft.		3.45	5,468.00
80-lb. T-rail curve, strap guarded... 330 ft.		3.70	1,221.00
Point and mate.....	4	115.00	460.00
Frogs, one rail curved.....	4	45.00	180.00
Cross-over (hard center).....	1	1,263.00	1,263.00
Cost new.....			\$232,183.00
Organization, engineering and incidentals, 15%.....			34,827.00
Total cost new.....			\$267,010.00
Depreciation, 40%.....			106,804.00
Present value.....			\$160,206.00
\$3,825.00, average cost of special work per mile.			

**CLASS 1-E.****UNIT PRICE ESTIMATE.****Estimate of Cost to Produce One Mile of Single Track.**

**4½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on stone ballast; no excavation, otherwise same as Class E.**

Total cost for Class E.....	\$14,822.96
Deduct for excavation.....	1,393.00

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\$13,429.96

Organization, engineering and incidentals, 15%.....	2,014.49
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Total cost per mile.....**\$15,444.45**

**DEPRECIATION OF FOUR AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.**

**Depreciation of Track Due to Joints.**

Same as Class E.

Life of joint, 20 years.

Annual depreciation per mile due to joints.....	\$58.93
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Annual depreciation in per cent of wearing value.....	5%
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**Depreciation of Track Due to Ties.**

Same as Class E.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....	\$223.93
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Annual depreciation in per cent of wearing value.....	5.71%
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**Depreciation of Track Due to Rail.**

Same as Class E.

Cost of parts depreciated with joints.....	\$ 1,295.57
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Cost of parts depreciated with ties.....	5,939.00
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Cost of parts depreciated with rail.....	6,195.39
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Total cost of parts depreciated.....\$13,429.96

\$1,295.57 = 9.6% of \$13,429.96

\$5,939.00 = 44.2% of \$13,429.96

\$6,195.39 = 46.2% of \$13,429.96

The above percentages to be used to distribute to joints, ties and rail the proper proportion of that part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization engineering and incidentals, 15%.....\$2,014.49  
 9.6% of \$2,014.49 = amount to be depreciated with joints.\$ 193.39  
 Actual wearing value of joints..... 1,178.64

Total value of joints to be depreciated 5% annually...**\$1,372.03**  
 5% of \$1,372.03 = \$68.60, annual depreciation.  
 44.2% of \$2,014.49 = amount to be depreciated with ties..\$ 890.40  
 Actual wearing value of ties..... 3,918.75

Total value of ties to be depreciated 5.7% annually...**\$4,809.15**  
 5.7% of \$4,809.15 = \$274.12, annual depreciation.  
 46.2% of \$2,014.49 = amount to be depreciated with rails..\$ 930.70  
 Actual wearing value of rails..... 5,067.25

Total value of rails to be depreciated.....**\$5,997.95**  
 Wearing depth same as Class E.....37/64 in.  
 1/37 of \$5,997.95 = \$162.11, amount of depreciation for  
 each 1/64 in. wear.

**Recapitulation.**

Part to be depreciated with joints.....\$ 1,372.03  
 Scrap value of parts depreciated with joints..... 116.93  
 Part depreciated with ties..... 4,809.15  
 Scrap value of part depreciated with ties..... 2,020.25  
 Part depreciated with rail..... 5,997.95  
 Scrap value of part depreciated with rail..... 1,128.14  
 Total.....**\$15,444.45**

**CLASS 2-E.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on stone ballast; two tie  
 plates to each tie, otherwise same as Class E.

Total cost for Class E.....\$14,822.96  
 Add for double number of tie plates and spikes..... 621.80

.....**\$15,444.76**  
 Organization, engineering and incidentals, 15%..... 2,316.71

Total cost per mile.....**\$17,761.47**

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS INCH GIRDER BONDED TRACK.

Depreciation of Track Due to Joints.

Same as for Class E.  
Life of joint, 20 years.  
Annual depreciation per mile due to joints.....\$58.93  
Annual depreciation in per cent of wearing value..... 5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Total cost for Class E.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for double number of tie plates. 621.80	621.80	81.00	540.80
	<u>\$6,560.80</u>	<u>\$2,101.25</u>	<u>\$4,489.55</u>
Life of tie, 17.5 years.			
		\$4,459.55	
Annual depreciation per mile due to ties.....		<u>17.5</u>	= \$254.83
Annual depreciation in per cent of wearing value.....			5.7%

Depreciation of Track Due to Rail.

Same as Class E.  
Cost of parts depreciated with joints.....\$ 1,295.57  
Cost of parts depreciated with ties..... 6,560.80  
Cost of parts depreciated with rail..... 6,195.39  
  
Total cost of parts depreciated.....\$14,051.76  
\$1,295.57 = 9.2% of \$14,051.76  
\$6,560.80 = 46.7% of \$14,051.76  
\$6,195.39 = 44.1% of \$14,051.76  
Above percentages to be used to distribute to joints, ties  
and rails the proper proportion of that part of cost yet  
to be depreciated.

Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....\$2,316.71  
9.2% of \$2,316.71 = amount to be depreciated with joints.\$ 213.14  
Actual wearing value of joints..... 1,178.64  
  
Total value of joints to be depreciated 5% annually..\$1,391.78  
5% of \$1,391.78 = \$69.59, annual depreciation.  
46.7% of \$2,316.71 = amount to be depreciated with ties..\$1,081.90  
Actual wearing value of ties..... 4,459.55  
  
Total value of ties to be depreciated 5.7% annually...\$5,541.45  
5.7% of \$5,541.45 = \$315.86, annual depreciation.

44.1% of \$2,316.71 = amount to be depreciated with rail..\$1,021.67  
Actual wearing value of rail..... 5,067.25

Total value of rail to be depreciated.....**\$6,088.92**  
Wearing depth same as Class E.....37/64 in.  
1/37 of \$6,088.92 = \$164.56, amount to be depreciated for  
each 1/64 in. wear.

**Part Yet to be Depreciated.**

Excavation .....**\$1,393.00**

**Recapitulation.**

Part depreciated with joints.....\$ 1,391.78  
Scrap value of part depreciated with joints..... 116.93  
Part depreciated with ties..... 5,541.45  
Scrap value of part depreciated with ties..... 2,101.25  
Part depreciated with rail..... 6,088.92  
Scrap value of part depreciated with rail..... 1,128.14  
Part not depreciated (excavation)..... 1,393.00  
  
Total.....**\$17,761.47**

**CLASS 3-E.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

**7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on stone ballast; no excavation, otherwise same as Class 2-E.**

Total cost for Class 2-E.....\$15,444.76  
Deduct for excavation..... 1,393.00

**\$14,051.76**  
Organization, engineering and incidentals, 15%..... 2,107.77

Total cost per mile.....**\$16,159.53**

**DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER BONDED TRACK.**

**Depreciation of Track Due to Joints.**

Same as Class 2-E.  
Life of joint, 20 years.  
Annual depreciation per mile due to joints.....\$58.93  
Annual depreciation in per cent of wearing value..... 5%



**Depreciation of Track Due to Ties.**

Same as Class 2-E.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....\$254.83

Annual depreciation in per cent of wearing value..... 5.7%

**Depreciation of Track Due to Rail.**

Same as Class 2-E.

Cost of parts depreciated with joints.....\$ 1,295.59

Cost of parts depreciated with ties..... 6,560.80

Cost of parts depreciated with rail..... 6,195.39

Total cost of parts depreciated.....\$14,051.78

 $\$1,295.59 = 9.2\%$  of \$14,051.78 $\$6,560.80 = 46.7\%$  of \$14,051.78 $\$6,195.39 = 44.1\%$  of \$14,051.78**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,107.77

 $9.2\%$  of \$2,107.77 = amount to be depreciated with joints.\$ 193.91

Actual wearing value of joints..... 1,178.64

Total value of joints to be depreciated 5% annually..\$1,372.55

 $5\%$  of \$1,372.55 = \$68.63, annual depreciation. $46.7\%$  of \$2,107.77 = amount to be depreciated with ties..\$ 984.33

Actual wearing value of ties..... 4,459.55

Total value of ties to be depreciated 5.7% annually...\$5,443.88

 $5.7\%$  of \$5,443.88 = \$310.30, annual depreciation. $44.1\%$  of \$2,107.77 = amount to be depreciated with rail..\$ 929.53

Wearing value of rail..... 5,067.25

Total value of rail to be depreciated.....\$5,996.78

Wearing depth same as for Class 2-E..... $37/64$  in. $1/37$  of \$5,996.78 = \$162.07, amount to be depreciated for $1/64$  in. of wear.**Recapitulation.**

Part depreciated with joints.....\$ 1,372.55

Scrap value of part depreciated with joints..... 116.93

Part depreciated with ties..... 5,443.88

Scrap value of part depreciated with ties..... 2,101.25

Part depreciated with rail..... 5,996.78

Scrap value of part depreciated with rail..... 1,128.14

Total.....\$16,159.53

**CLASS 1-E-1.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7 $\frac{3}{8}$  in. girder rail, 85 lb., 60 ft. lengths, welded joints, on stone ballast; no excavation, otherwise same as Class E-1.

Total cost for Class E-1.....	\$15,195.54
Deduct for excavation.....	1,393.00

\$13,802.54

Organization, engineering and incidentals, 15%.....	2,020.37
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Total cost for Class 1-E-1.....	<b>\$15,872.91</b>
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**DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER WELDED TRACK.**

**Depreciation of Track Due to Ties.**

Same as Class E-1.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....	\$223.93
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Annual depreciation in per cent of wearing value.....	5.71%
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**Depreciation of Track Due to Rail.**

Same as Class E-1.

Cost of parts depreciated with ties.....	\$ 5,939.00
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Cost of parts depreciated with rail.....	7,863.54
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Total cost of parts depreciated.....	<u>\$13,802.54</u>
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$\$5,939.00 = 43\%$  of \$13,802.54

$\$7,863.54 = 57\%$  of \$13,802.54

The above percentages are to be used to distribute to ties and rail the proper proportion of the part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....	\$2,070.37
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43% of \$2,070.37 = amount to be depreciated with sub-structure .....	\$ 890.26
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Wearing value of substructure.....	3,918.75
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Total value to be depreciated 5.7% annually.....	<b>\$4,809.01</b>
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5.7% of \$4,809.01 = \$274.11, annual depreciation.

57% of \$2,070.37 = amount to be depreciated with rail....	\$1,180.11
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Wearing value of rail.....	6,529.13
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Total value to be depreciated.....	<b>\$7,709.24</b>
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**Depreciation of Track Due to Ties.**

Same as Class 2-E.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....\$254.83

Annual depreciation in per cent of wearing value..... 5.7%

**Depreciation of Track Due to Rail.**

Same as Class 2-E.

Cost of parts depreciated with joints.....\$ 1,295.59

Cost of parts depreciated with ties..... 6,560.80

Cost of parts depreciated with rail..... 6,195.39

Total cost of parts depreciated.....\$14,051.78

 $\$1,295.59 = 9.2\%$  of \$14,051.78 $\$6,560.80 = 46.7\%$  of \$14,051.78 $\$6,195.39 = 44.1\%$  of \$14,051.78**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15%.....\$2,107.77

 $9.2\%$  of \$2,107.77 = amount to be depreciated with joints.\$ 193.91

Actual wearing value of joints..... 1,178.64

Total value of joints to be depreciated 5% annually..\$1,372.55

 $5\%$  of \$1,372.55 = \$68.63, annual depreciation. $46.7\%$  of \$2,107.77 = amount to be depreciated with ties..\$ 984.33

Actual wearing value of ties..... 4,459.55

Total value of ties to be depreciated 5.7% annually...\$5,443.88

 $5.7\%$  of \$5,443.88 = \$310.30, annual depreciation. $44.1\%$  of \$2,107.77 = amount to be depreciated with rail..\$ 929.53

Wearing value of rail..... 5,067.25

Total value of rail to be depreciated.....\$5,996.78

Wearing depth same as for Class 2-E.....37/64 in.

 $1/37$  of \$5,996.78 = \$162.07, amount to be depreciated for  
1/64 in. of wear.**Recapitulation.**

Part depreciated with joints.....\$ 1,372.55

Scrap value of part depreciated with joints..... 116.93

Part depreciated with ties..... 5,443.88

Scrap value of part depreciated with ties..... 2,101.25

Part depreciated with rail..... 5,996.78

Scrap value of part depreciated with rail..... 1,128.14

Total.....\$16,159.53

# CLASS 1-E-1.

## UNIT PRICE ESTIMATE.

### Estimate of Cost to Produce One Mile of Single Track.

7½ in. girder rail, 85 lb., 60 ft. lengths, welded joints, on stone ballast; no excavation, otherwise same as Class E-1.

Total cost for Class E-1.....	\$15,195.54
Deduct for excavation.....	1,393.00

\$13,802.54

Organization, engineering and incidentals, 15%.....	2,020.37
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Total cost for Class 1-E-1.....	\$15,872.91
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## DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER WELDED TRACK.

### Depreciation of Track Due to Ties.

Same as Class E-1.

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....	\$223.93
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Annual depreciation in per cent of wearing value.....	5.71%
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### Depreciation of Track Due to Rail.

Same as Class E-1.

Cost of parts depreciated with ties.....	\$ 5,939.00
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Cost of parts depreciated with rail.....	7,863.54
--	----------

Total cost of parts depreciated.....	\$13,802.54
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\$5,939.00 = 43% of \$13,802.54

\$7,863.54 = 57% of \$13,802.54

The above percentages are to be used to distribute to ties and rail the proper proportion of the part of cost yet to be depreciated.

### Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....	\$2,070.37
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43% of \$2,070.37 = amount to be depreciated with sub-structure .....	\$ 890.26
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Wearing value of substructure.....	3,918.75
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Total value to be depreciated 5.7% annually.....	\$4,809.01
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5.7% of \$4,809.01 = \$274.11, annual depreciation.

57% of \$2,070.37 = amount to be depreciated with rail....	\$1,180.11
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Wearing value of rail.....	6,529.13
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Total value to be depreciated.....	\$7,709.24
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78 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

Wearing depth same as for Class E-1.....37/64 in.  
1/37 of \$7,709.24 = \$208.36, amount to be depreciated for  
each 1/64 in. of wear.

**Recapitulation.**

Part depreciated with rail.....	\$ 7,709.24
Scrap value of part depreciated with rail.....	1,334.41
Part depreciated with substructure.....	4,809.01
Scrap value of part depreciated with substructure.....	2,020.25
Total.....	<u>\$15,872.91</u>

**CLASS 2-E-1.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7<sup>3</sup>/<sub>8</sub> in. girder rail, 85 lb., 60 ft. lengths, welded joints, on stone ballast;  
two tie plates to each tie, otherwise same as Class E-1.

Total cost for Class E-1.....	\$15,195.54
Add for extra tie plates.....	621.80
	<u>\$15,817.34</u>
Organization, engineering and incidentals, 15%.....	2,372.45
Total cost per mile.....	<u>\$18,189.79</u>

**DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-  
INCH GIRDER WELDED TRACK.**

**Depreciation of Track Due to Ties.**

	Cost New	Scrap Value	Wearing Value
Class E-1, total.....	\$5,939.00	\$2,020.25	\$3,918.75
Add for extra tie plates.....	621.80	81.00	540.80
	<u>\$6,560.80</u>	<u>\$2,101.25</u>	<u>\$4,459.55</u>

Life of tie, 17.5 years.

Annual depreciation per mile due to ties.....	\$254.83
Annual depreciation in per cent of wearing value.....	5.7%

**Depreciation of Track Due to Rail.**

Same as Class E-1.

Cost of parts depreciated with substructure.....	\$ 6,560.80
Cost of parts depreciated with rail.....	7,863.54
Total cost of parts depreciated.....	<u>\$14,424.34</u>

$$\begin{aligned} \$6,560.80 &= 45.5\% \text{ of } \$14,424.34 \\ \$7,863.54 &= 54.5\% \text{ of } \$14,424.34 \end{aligned}$$

The above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

**Part Yet to be Depreciated.**

Organization, engineering and incidentals, 15% .....	\$2,372.45
45.5% of \$2,372.45 = amount to be depreciated with sub- structure .....	\$1,079.46
Wearing value of ties .....	4,459.55
<hr/>	
Total to be depreciated 5.7% annually .....	\$5,539.01
5.7% of \$5,539.01 = \$315.72, annual depreciation.	
54.5% of \$2,372.45 = amount to be depreciated with rail ..	\$1,292.99
Wearing value of rail .....	6,529.13
<hr/>	

Total value of rail to be depreciated .....	\$7,822.12
Wearing depth same as Class E-1 .....	
37/64 in.	
1/37 of \$7,822.12 = \$211.41, amount to be depreciated for each 1/64 in. wear.	

**Recapitulation.**

Part to be depreciated with rail .....	\$ 7,822.12
Scrap value of part depreciated with rail .....	1,334.41
Part to be depreciated with substructure .....	5,539.01
Scrap value of part depreciated with substructure .....	2,101.25
Part not depreciated (excavation) .....	1,393.00
<hr/>	
Total .....	\$18,189.79

**CLASS 3-E-1.**

**UNIT PRICE ESTIMATE.**

**Estimate of Cost to Produce One Mile of Single Track.**

7 1/8 in. girder, 85 lb., 60 ft. lengths, welded joints, on stone ballast; two tie plates to each tie, otherwise same as Class 1-E-1.	
Total for Class 1-E-1 .....	\$13,802.54
Add for extra tie plates .....	621.80
<hr/>	
\$14,424.34	
Organization, engineering and incidentals, 15% .....	2,163.65
<hr/>	
Total cost per mile .....	\$16,587.99

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER WELDED TRACK.

Depreciation of Track Due to Ties.

Same as Class 2-E.

Annual depreciation per mile due to ties.....	\$258.83
Annual depreciation in per cent of wearing value.....	5.7%

Depreciation of Track Due to Rail.

Same as Class E-1.

Cost of parts depreciated with rail.....	\$ 7,863.64
Cost of parts depreciated with ties.....	6,560.80

Total cost of parts depreciated.....\$14,424.44

\$7,863.64 = 54.5% of \$14,424.44

\$6,560.80 = 45.5% of \$14,424.44

Above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

Part Yet to be Depreciated.

Organization, engineering and incidentals, 15%.....\$2,163.65

45.5% of \$2,163.65 = amount to be depreciated with ties..\$ 984.46

Wearing value of ties..... 4,459.55

Total value of ties to be depreciated 5.7% annually...\$5,444.01

5.7% of \$5,444.01 = \$310.31, annual depreciation.

54.5% of \$2,163.65 = amount to be depreciated with rail...\$1,179.19

Wearing value of rail..... 6,529.13

Total value of rail to be depreciated.....\$7,708.32

Wearing depth same as Class E-1.....37/64 in.

1/37 of \$7,708.32 = \$208.33, amount to be depreciated for each 1/64 in. of wear.

Recapitulation.

Part depreciated with rail.....\$ 7,708.32

Scrap value of part depreciated with rail..... 1,334.41

Part depreciated with substructure..... 5,444.01

Scrap value of part depreciated with substructure..... 2,101.25

Total.....\$16,587.99

CLASS 1-E-3.

UNIT PRICE ESTIMATE.

Estimate of Cost to Produce One Mile of Single Track.

7½ in. girder rail, 85 lb., 60 ft. lengths, bonded, on concrete; two tie plates for each tie, otherwise same as Class E-3.

Total cost Class E-3.....	\$20,597.96
Add for tie plates and spikes.....	621.80
	<hr/>
	\$21,219.76
Organization, engineering and incidentals, 15%.....	3,182.96
	<hr/>
Total cost per mile.....	\$24,402.72

DEPRECIATION OF SEVEN AND THREE-SIXTEENTHS-INCH GIRDER RAIL.

Depreciation of Track Due to Joints.

Same as Class E-3.

Annual depreciation per mile due to joints.....	\$58.93
Annual depreciation in per cent of wearing value.....	5%

Depreciation of Track Due to Ties.

	Cost New	Scrap Value	Wearing Value
Total cost Class E-3.....	\$11,714.00	\$6,351.50	\$5,362.50
Add for tie plates.....	621.80	81.00	540.80
	<hr/>	<hr/>	<hr/>
	\$12,335.80	\$6,432.50	\$5,903.30

Life of tie, 20 years.

Annual depreciation per mile due to ties.....	\$295.15
Annual depreciation in per cent of wearing value.....	5%

Depreciation of Track Due to Rail.

Same as Class E-3.

Cost of parts to be depreciated with joints.....	\$ 1,295.57
Cost of parts to be depreciated with ties.....	12,335.80
Cost of parts to be depreciated with rail.....	6,195.39

Total cost of parts depreciated.....\$19,826.76

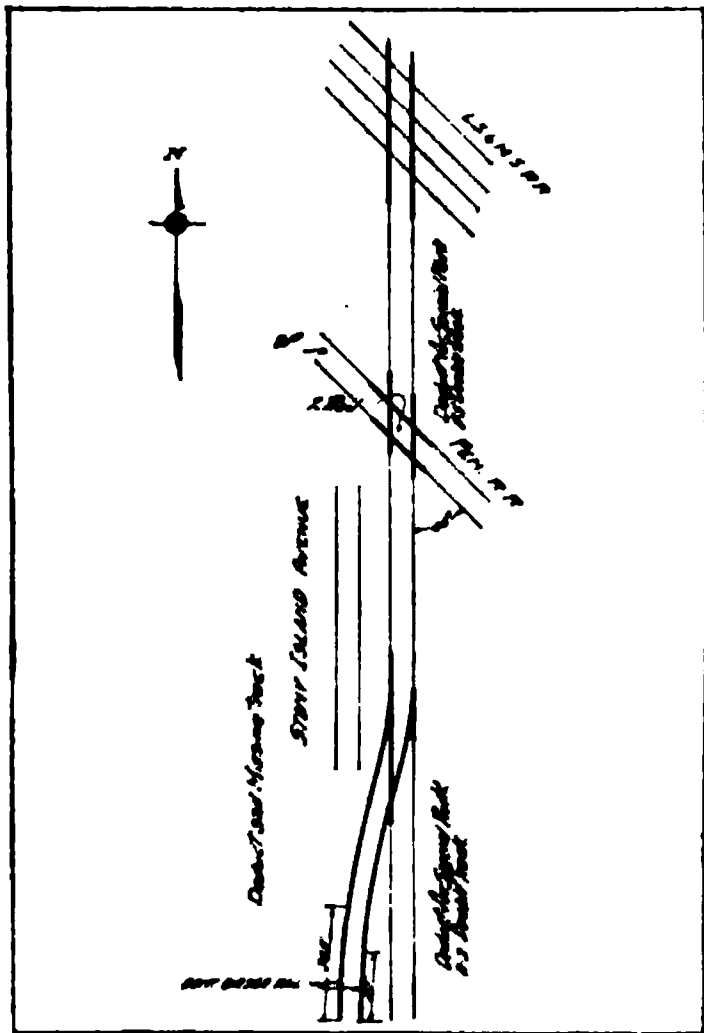
\$1,295.57 = 6.5% of \$19,826.76

\$12,335.80 = 62.2% of \$19,826.76

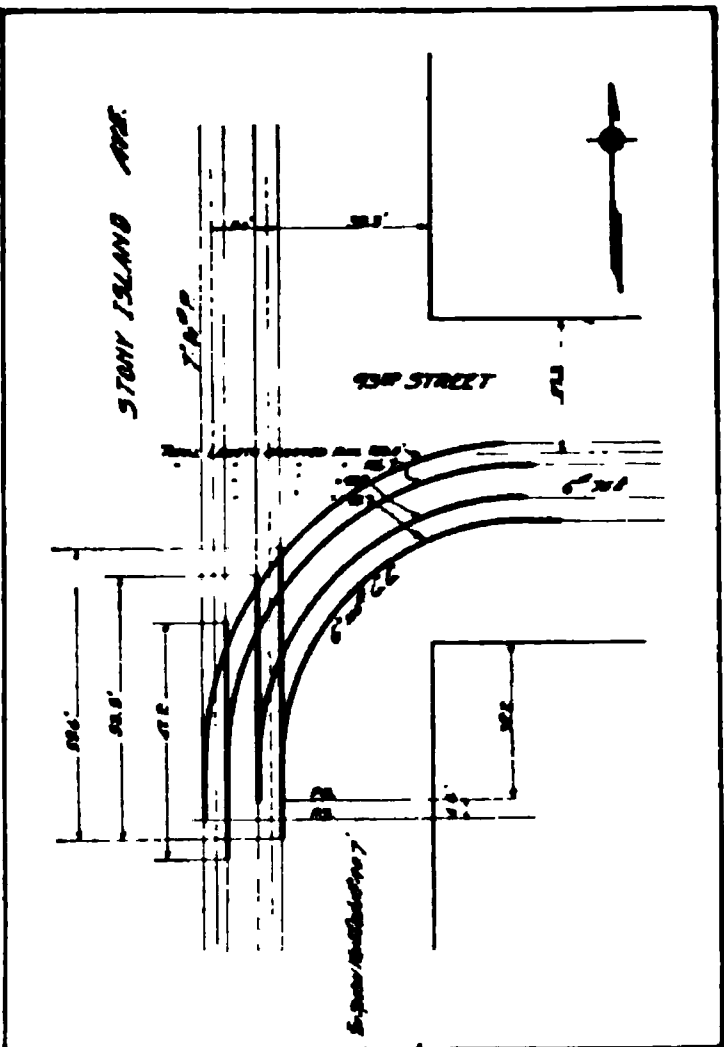
\$6,195.35 = 31.3% of \$19,826.76

Above percentages to be used to distribute to joints, ties and rails the proper proportion of that part of cost yet to be depreciated.

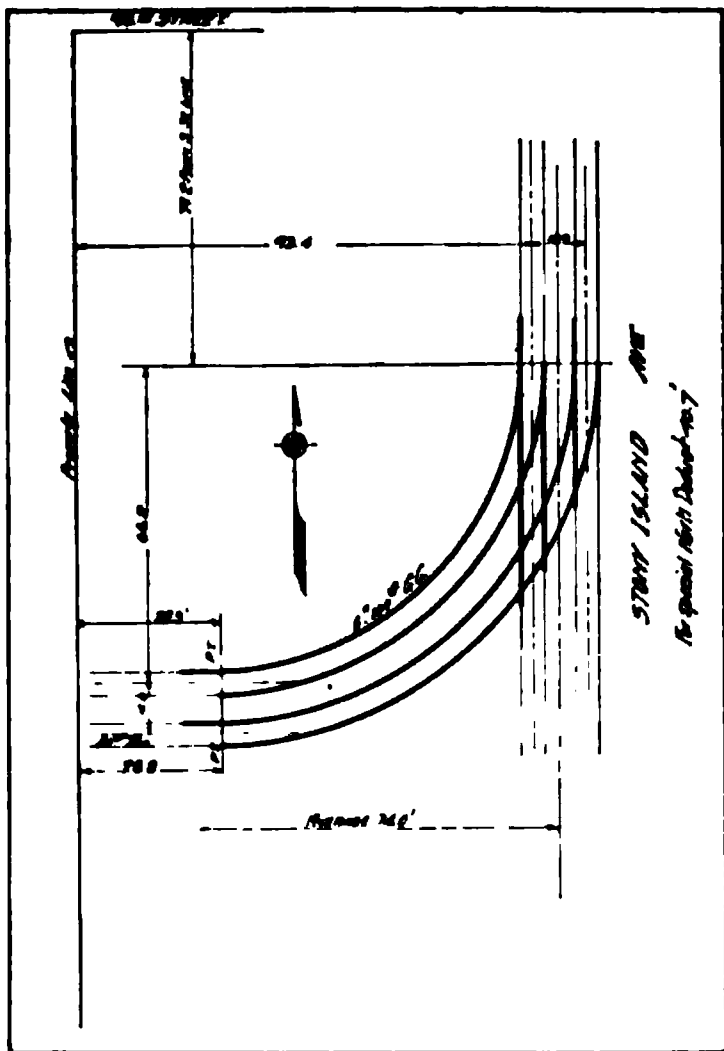




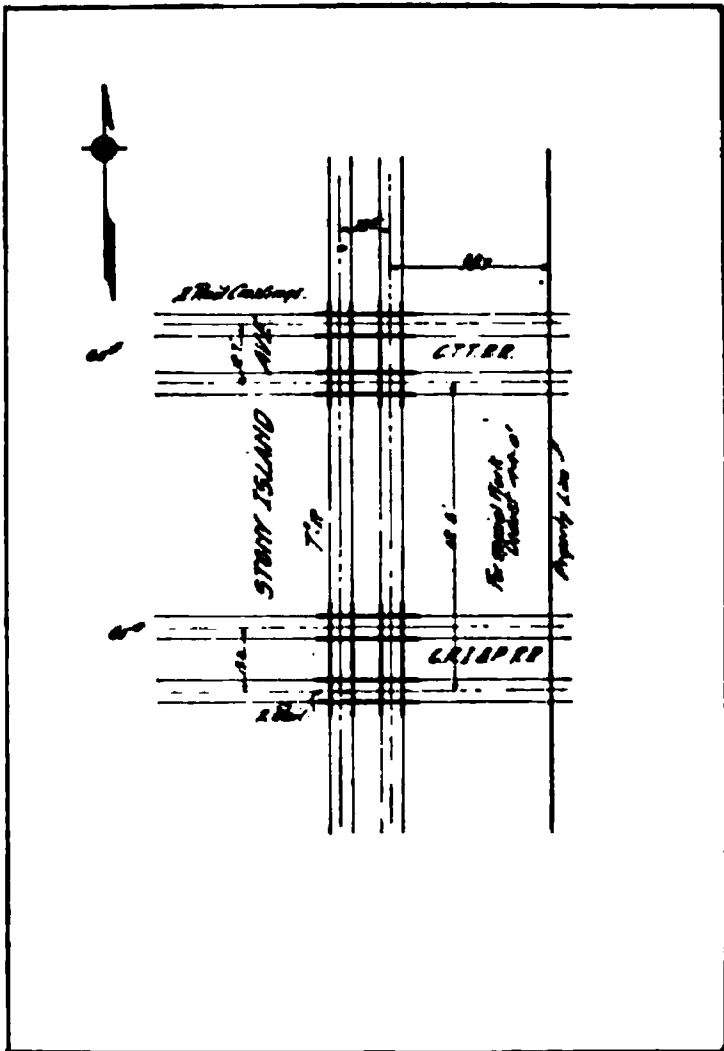
Layout No. 9.  
Stony Island Ave. and P. R. R.  
Subway.



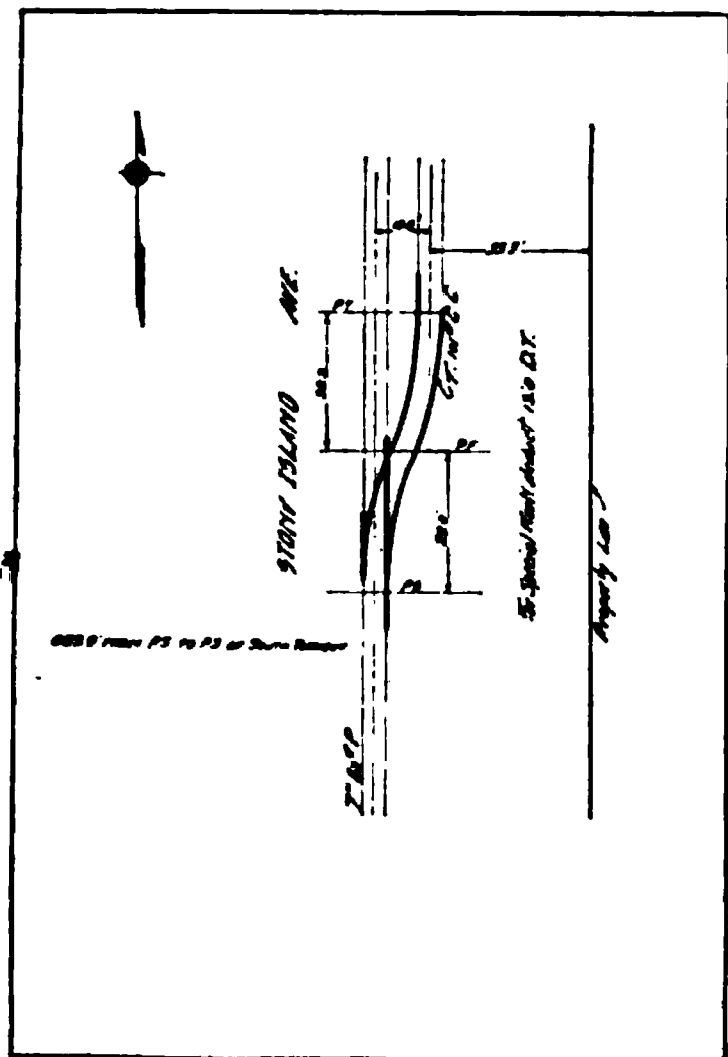
Layout No. 10.  
Stony Island Ave. and 93rd St.



Layout No. 11.  
Stony Island Ave. and 94th St.

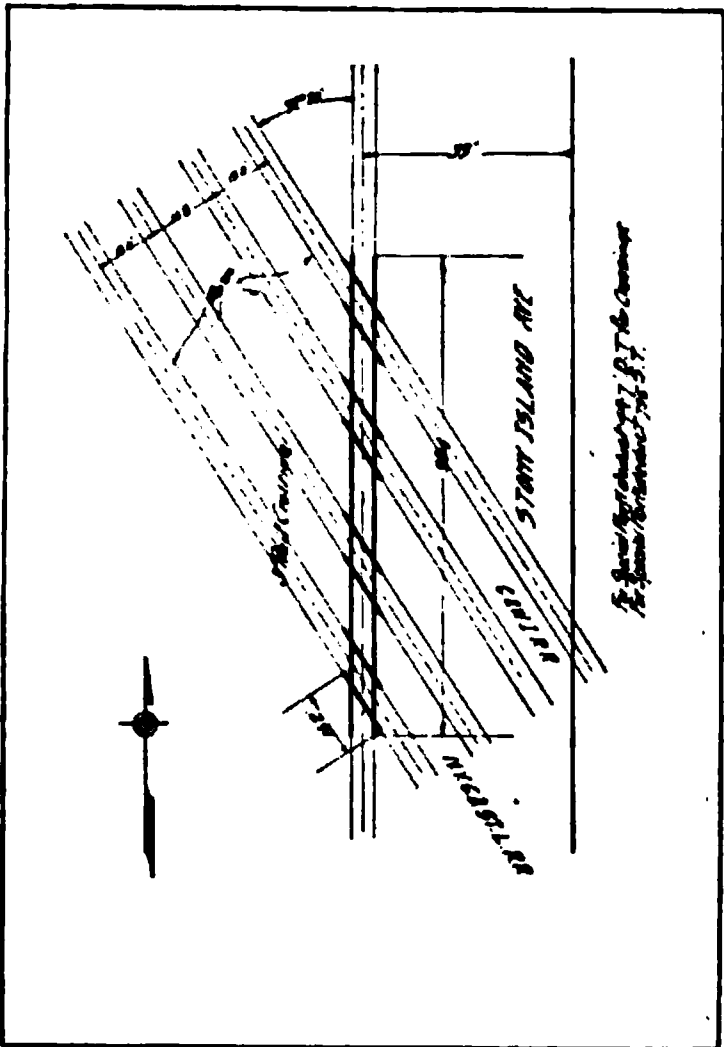


Layout No. 12.  
Stony Island Ave., C., R. I. & P.  
R. R., and C. T. T. R. R.



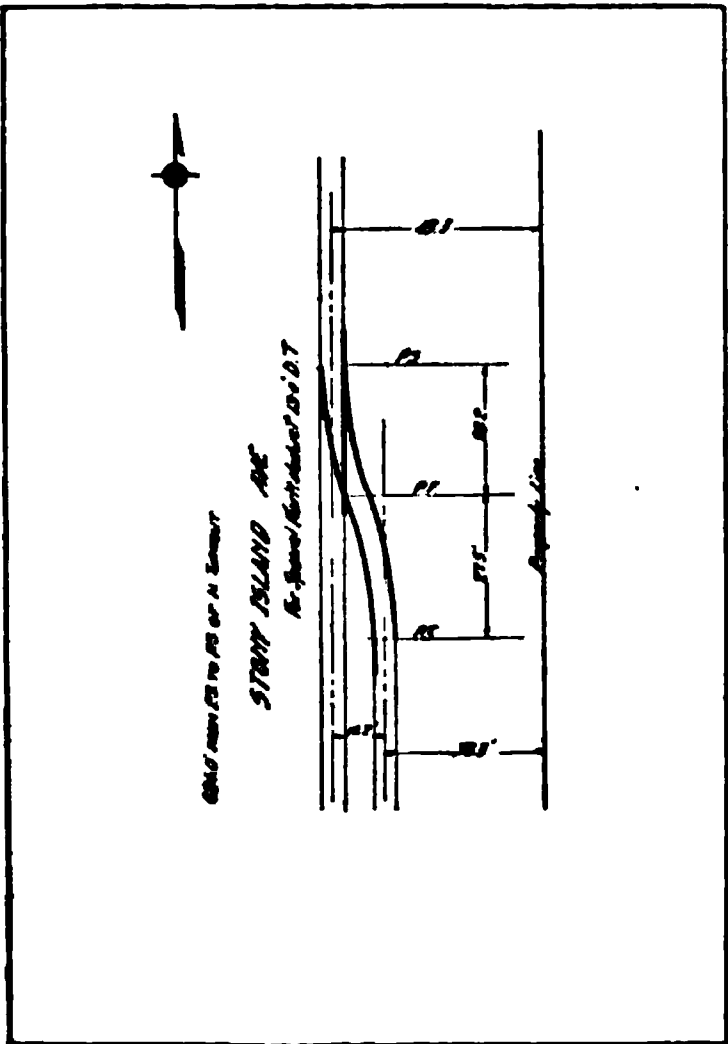
Layout No. 13.

Stony Island Ave. north of N. Y.,  
C. & St. L. R. R.



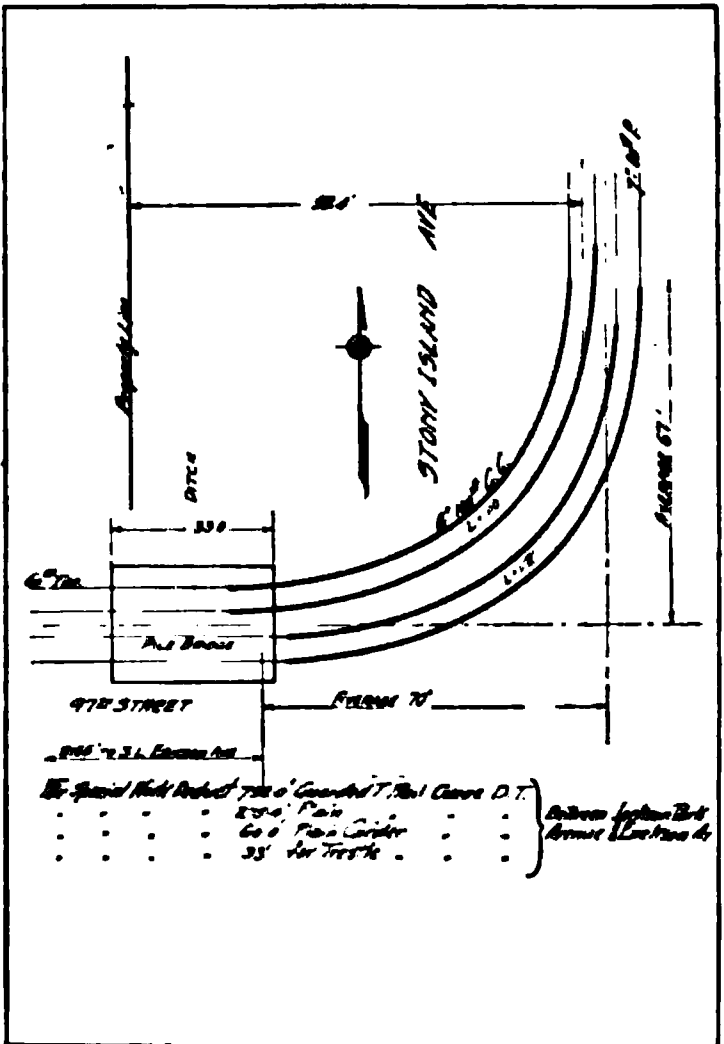
Layout No. 14.

Stony Island Ave. and N. Y. C. &  
St. L. R. R.



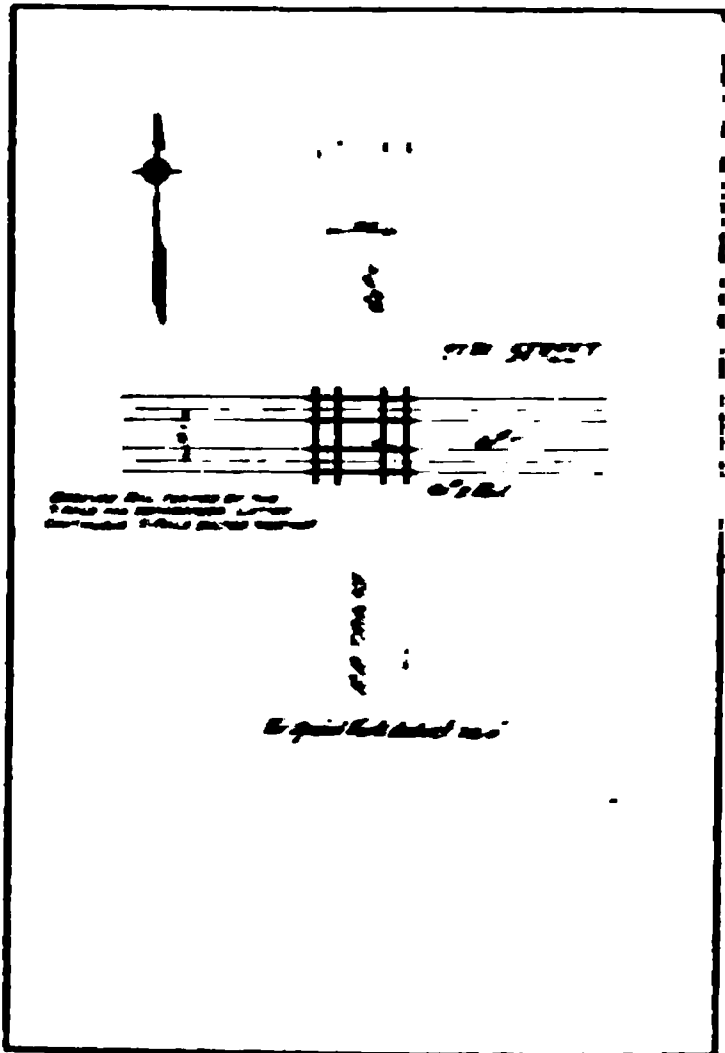
Layout No. 15.

Stony Island Ave. south of N. Y.  
C. & St. L. R. R.

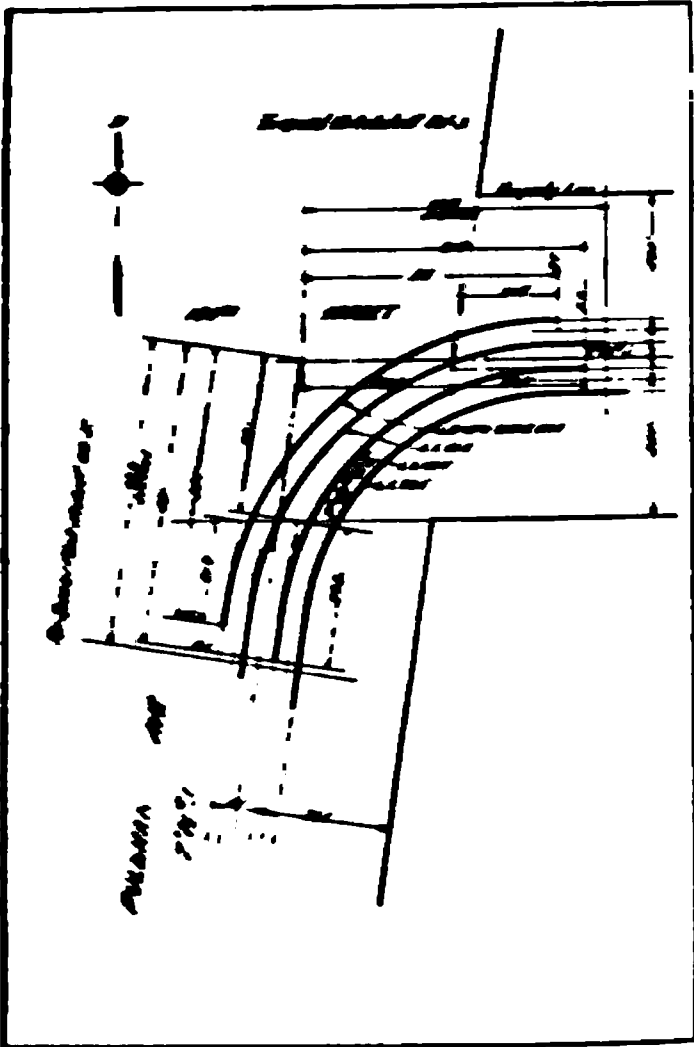


Layout No. 16.

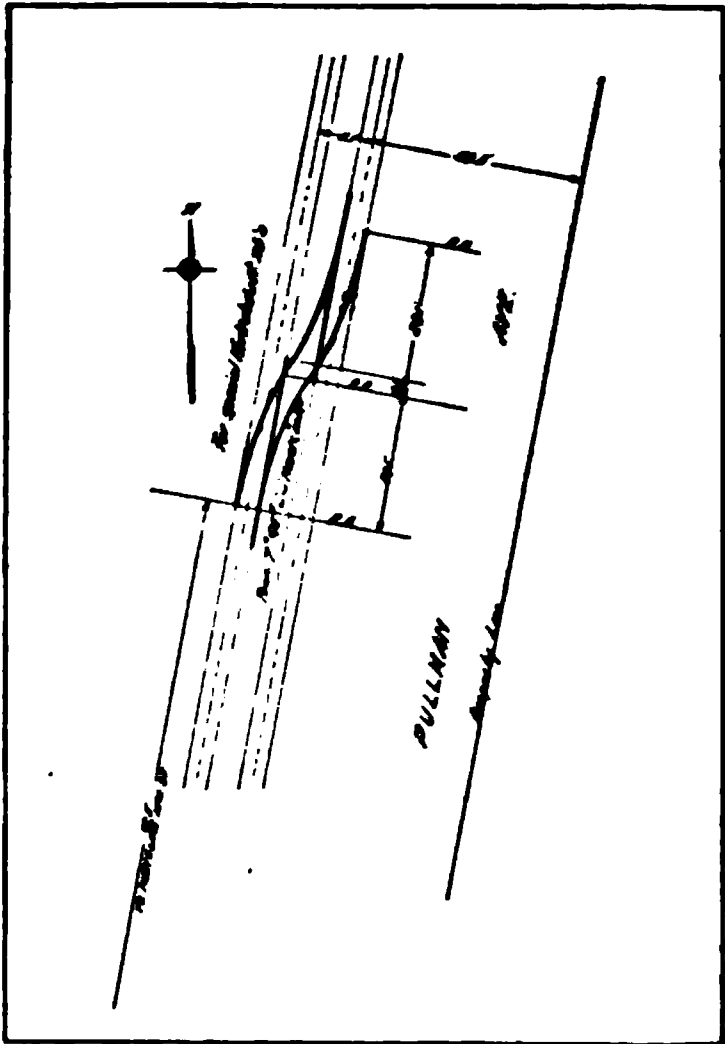
Stony Island Ave. and 97th St.



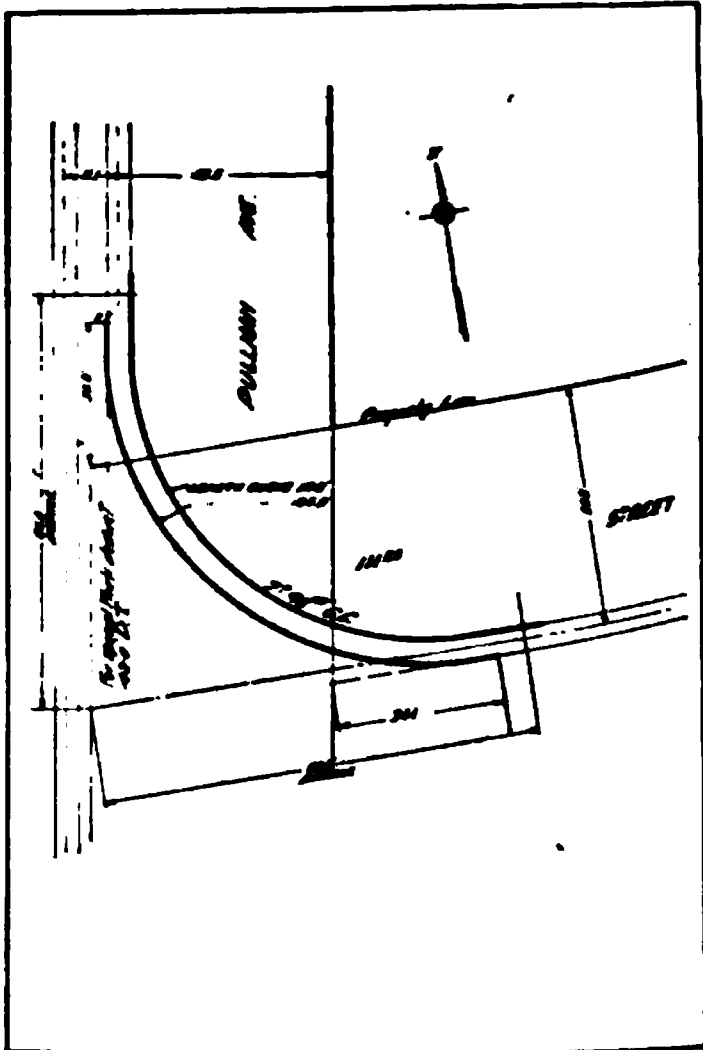
Layout No. 17.  
97th St. near Pullman Drive.



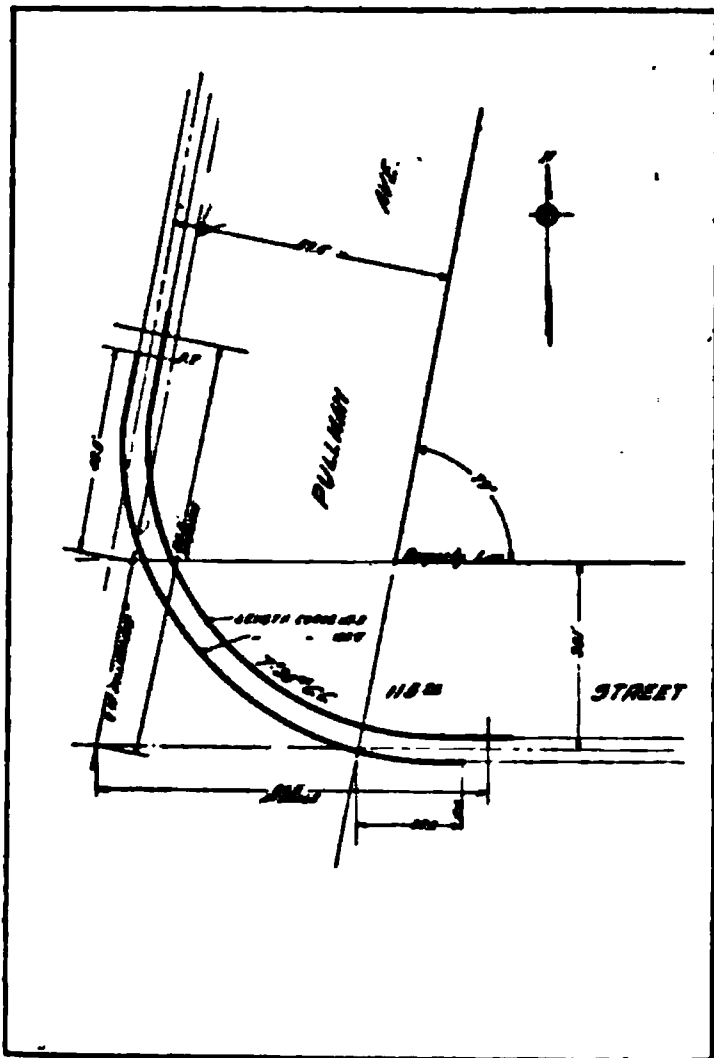
Layout No. 18.  
Pullman Ave. and 104th St.



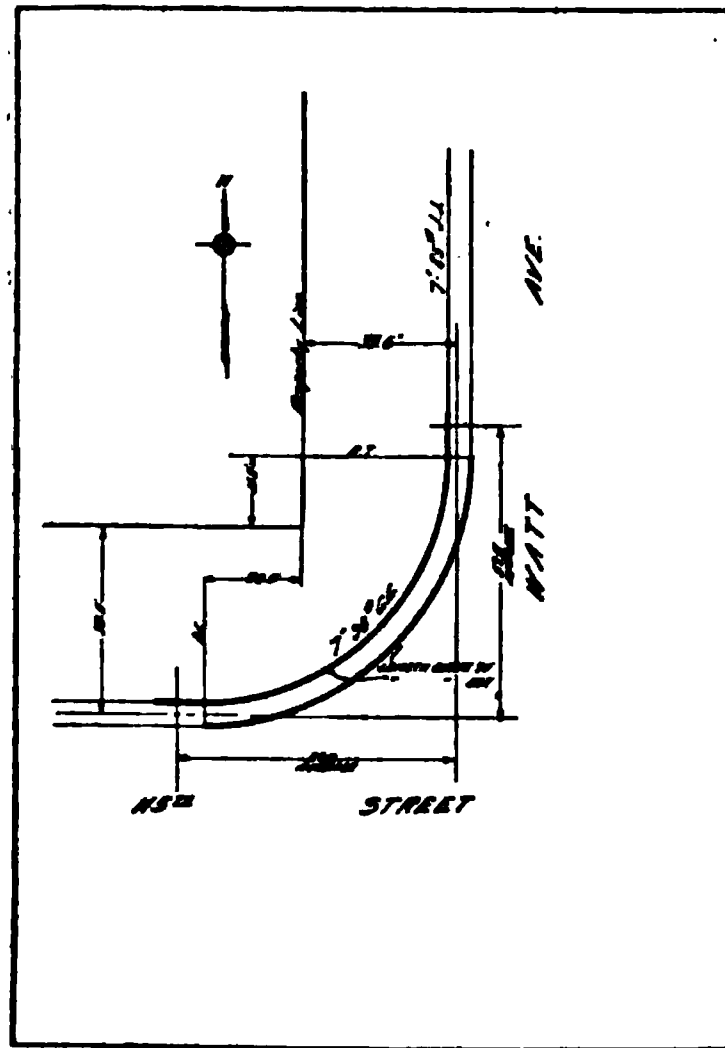
Layout No. 19.  
Pullman Ave. near 111th St.



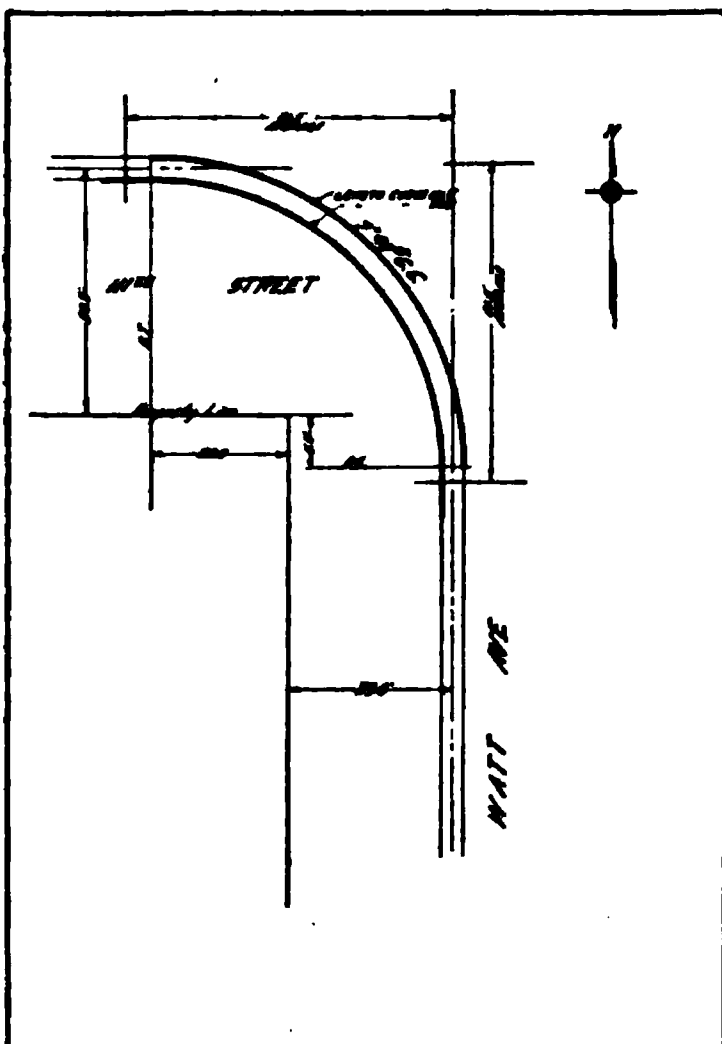
Layout No. 20.  
Pullman Ave. and 111th St.



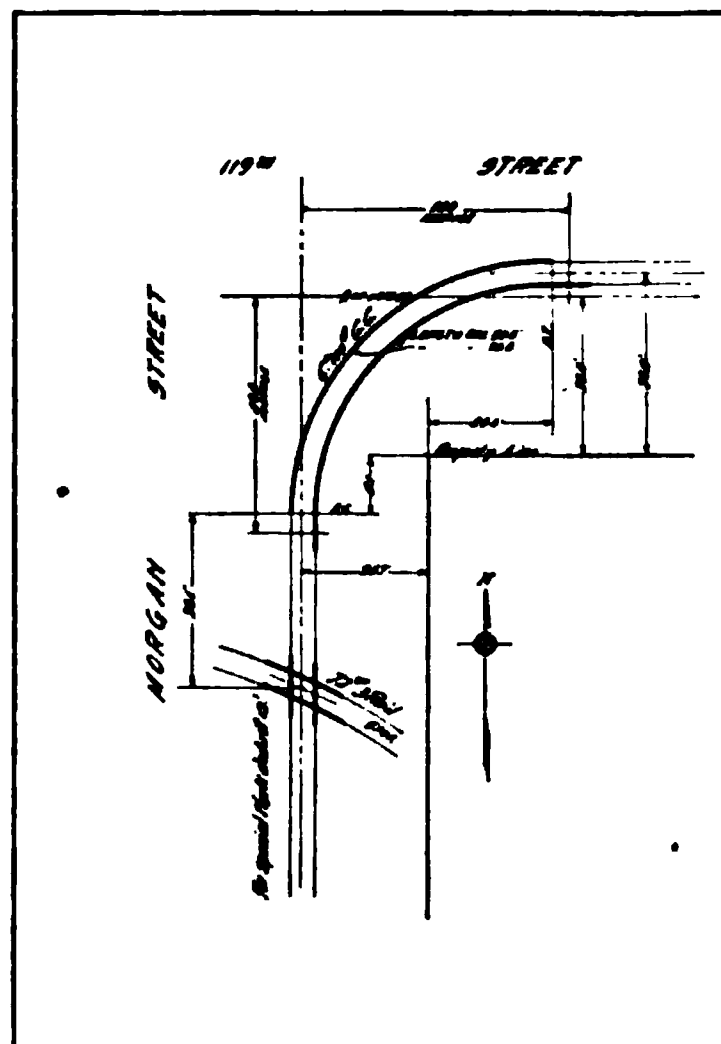
Layout No. 21.  
Pullman Ave. and 115th St.



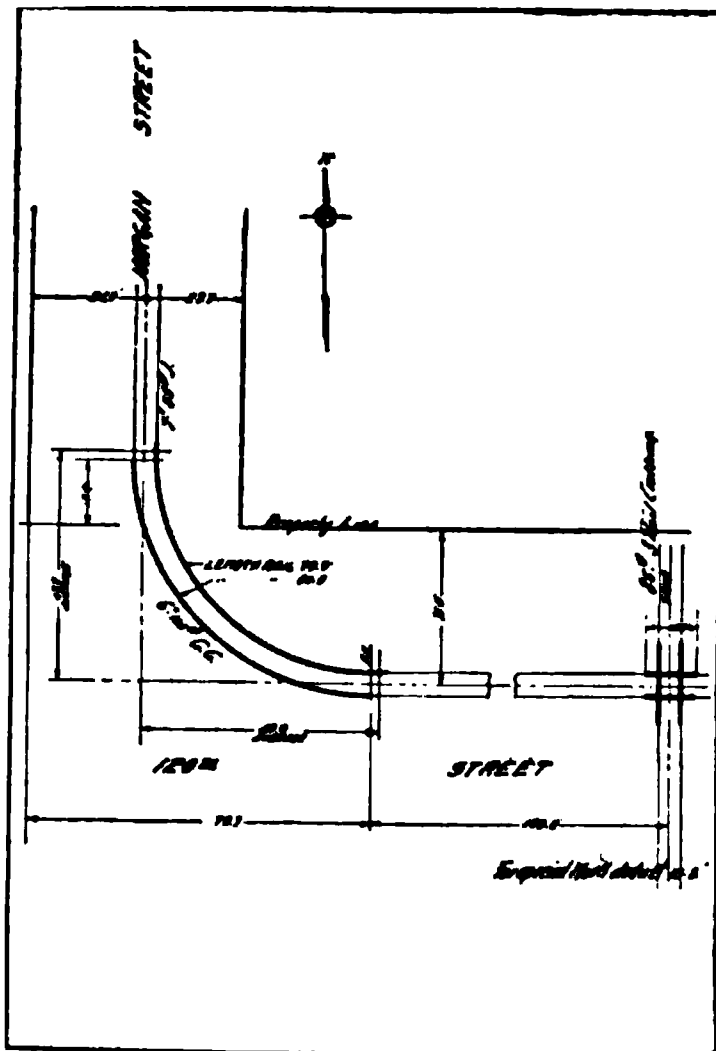
Layout No. 22.  
Watt Ave. and 115th St.



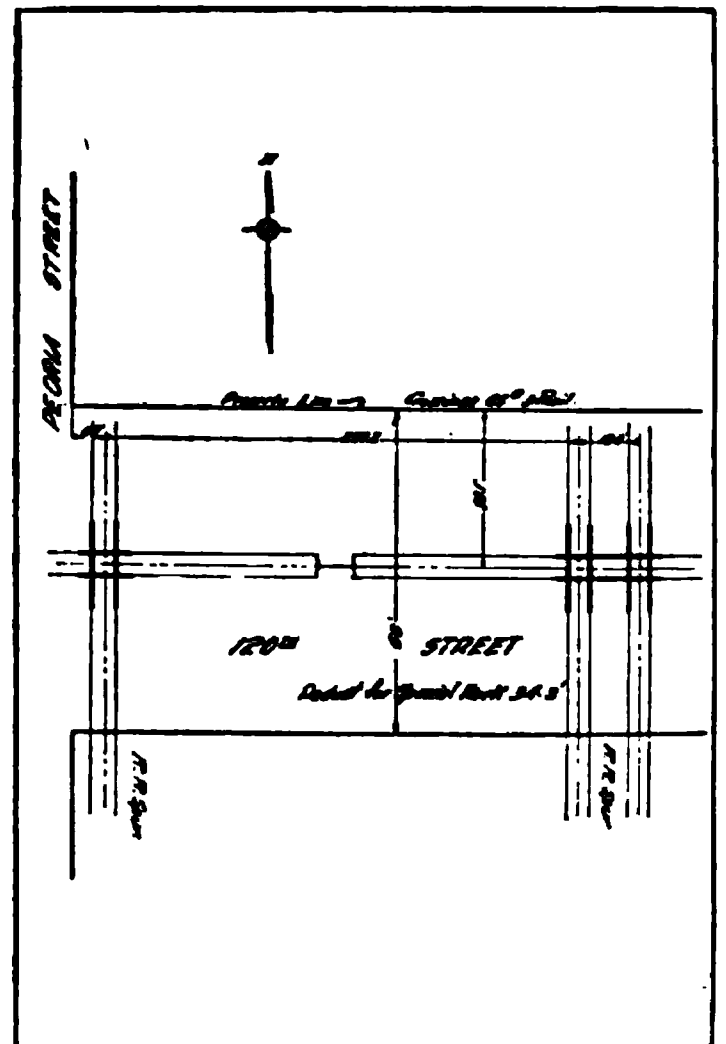
Layout No. 23.  
Watt Ave. and 111th St.



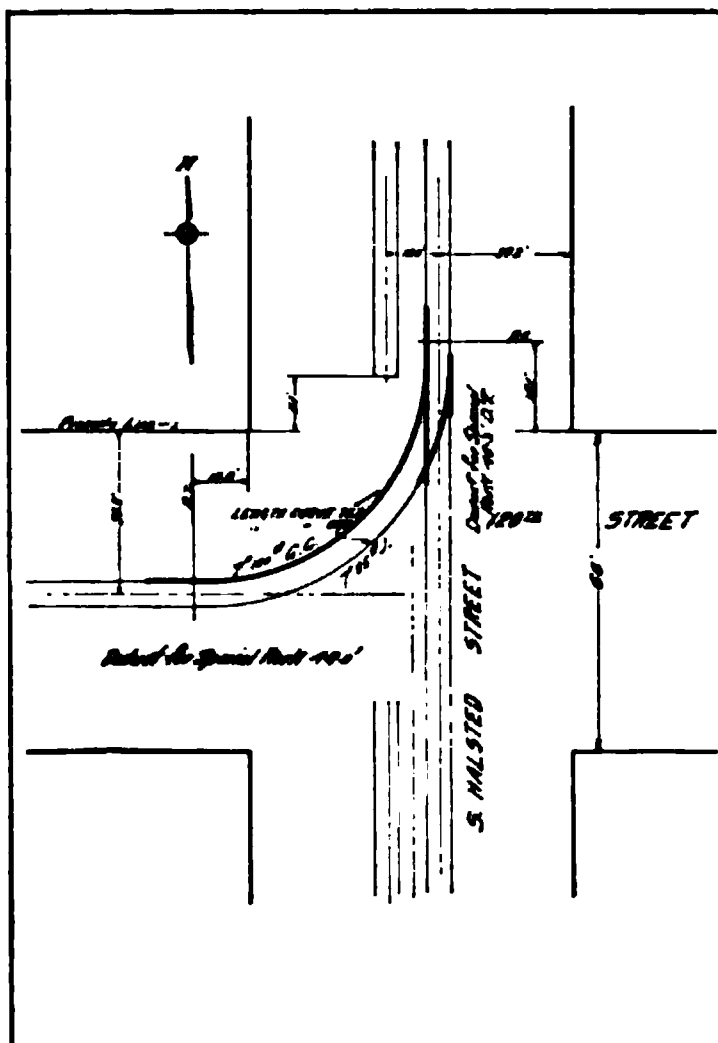
Layout No. 24.  
Morgan St. and 119th St.



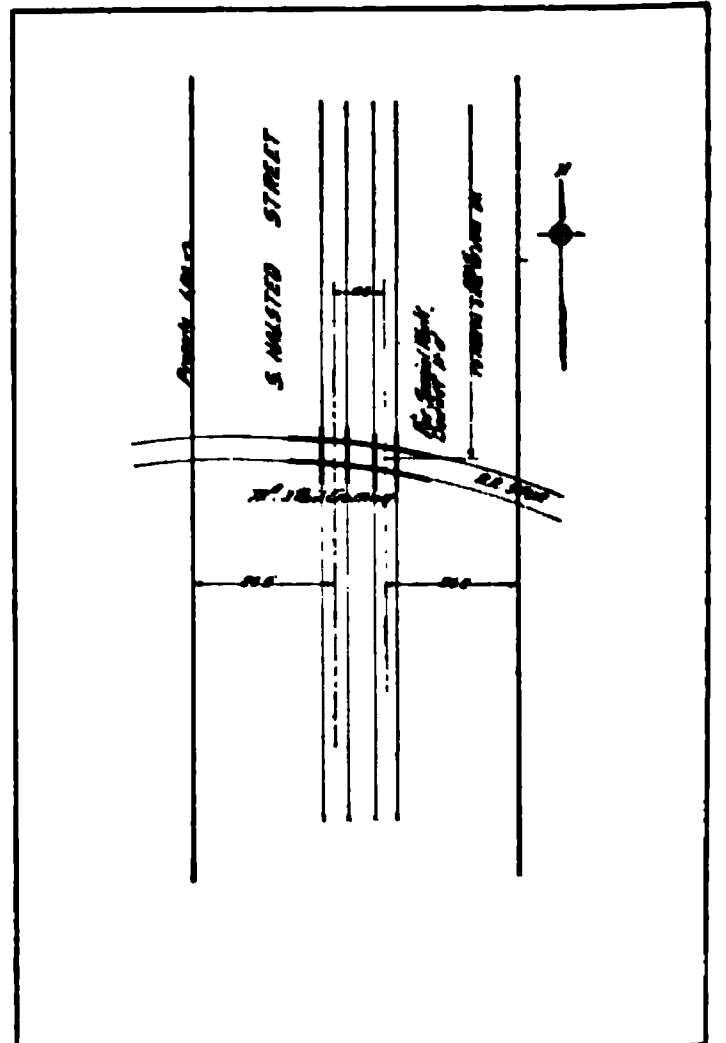
**Layout No. 25.**  
**Morgan St. and 120th St.**



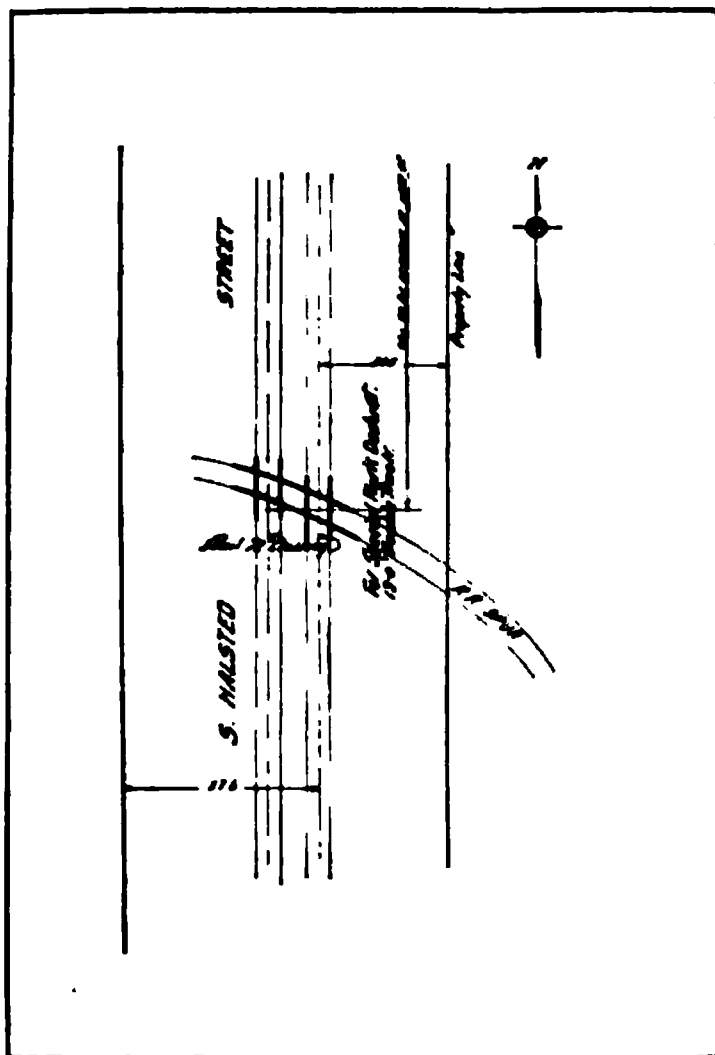
**Layout No. 26.**  
**120th St. near Peoria St.**



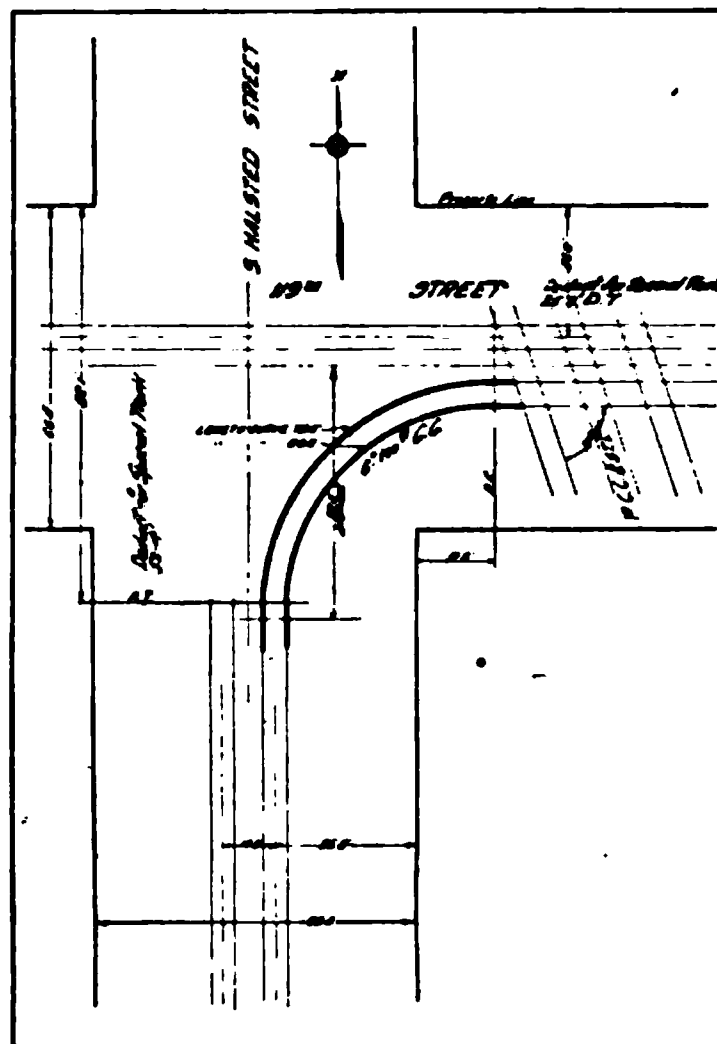
**Layout No. 27.**  
**South Halsted St. and 120th St.**



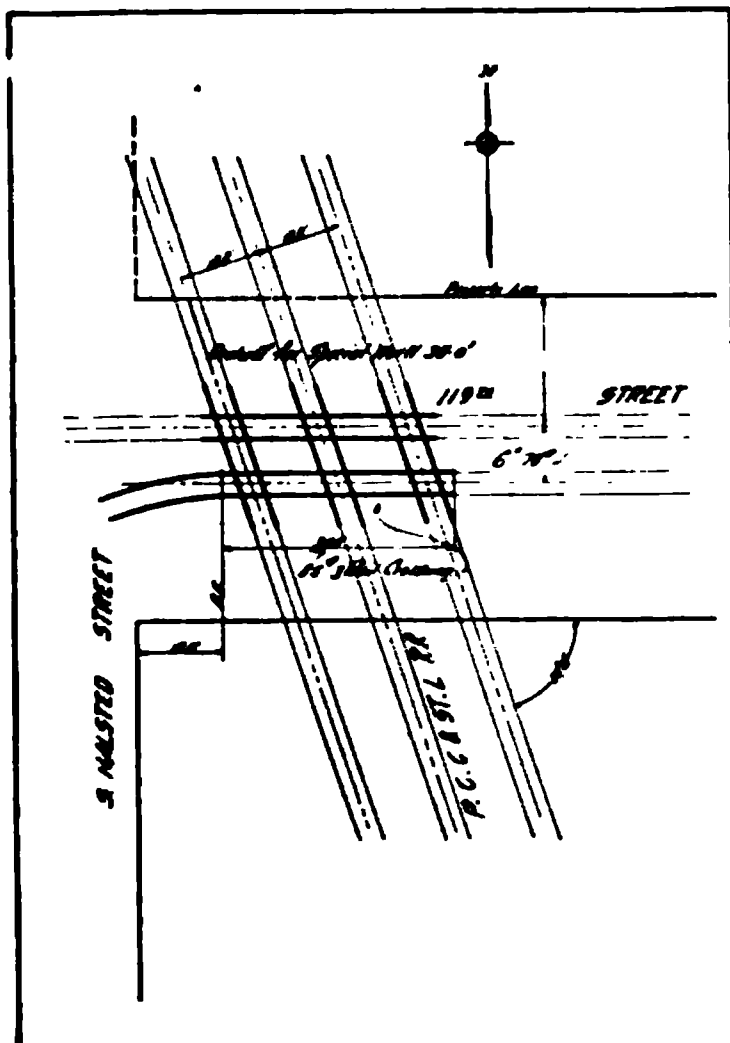
**Layout No. 28.**  
**South Halsted St. near 120th St.**



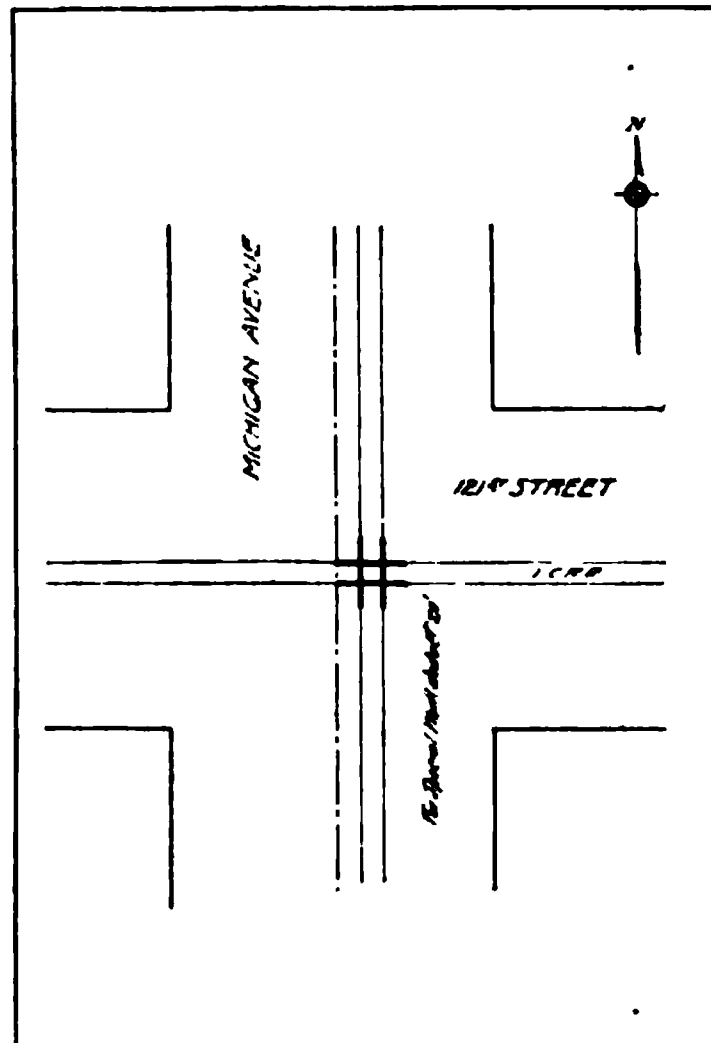
Layout No. 29.  
South Halsted St. near 120th St.



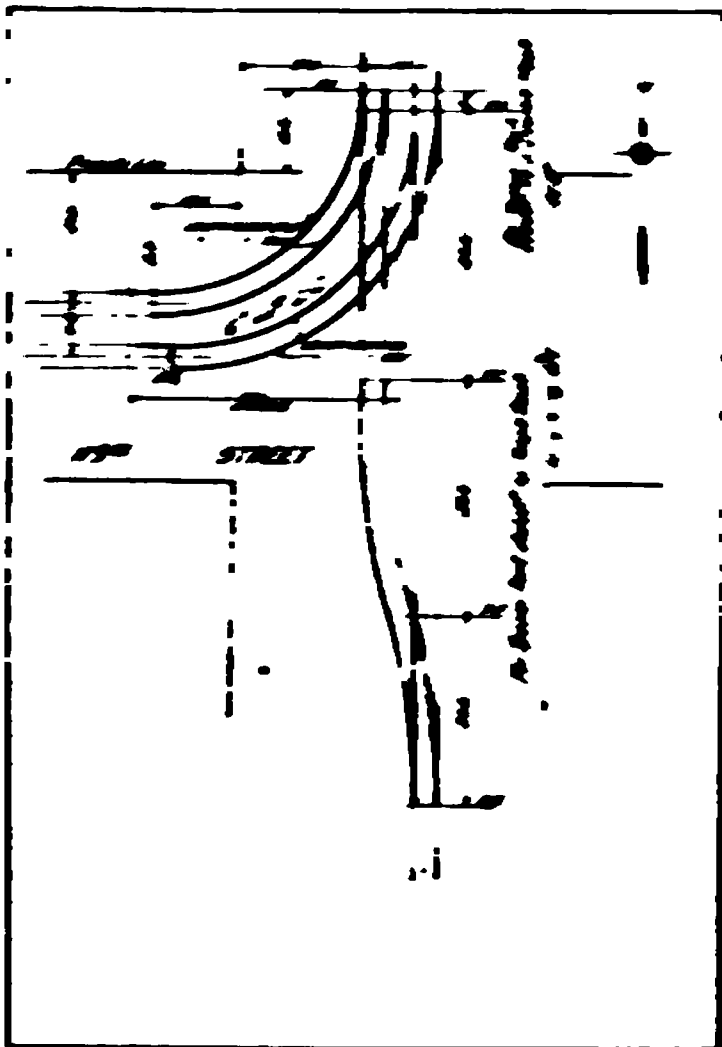
Layout No. 30.  
South Halsted St. and 119th St.



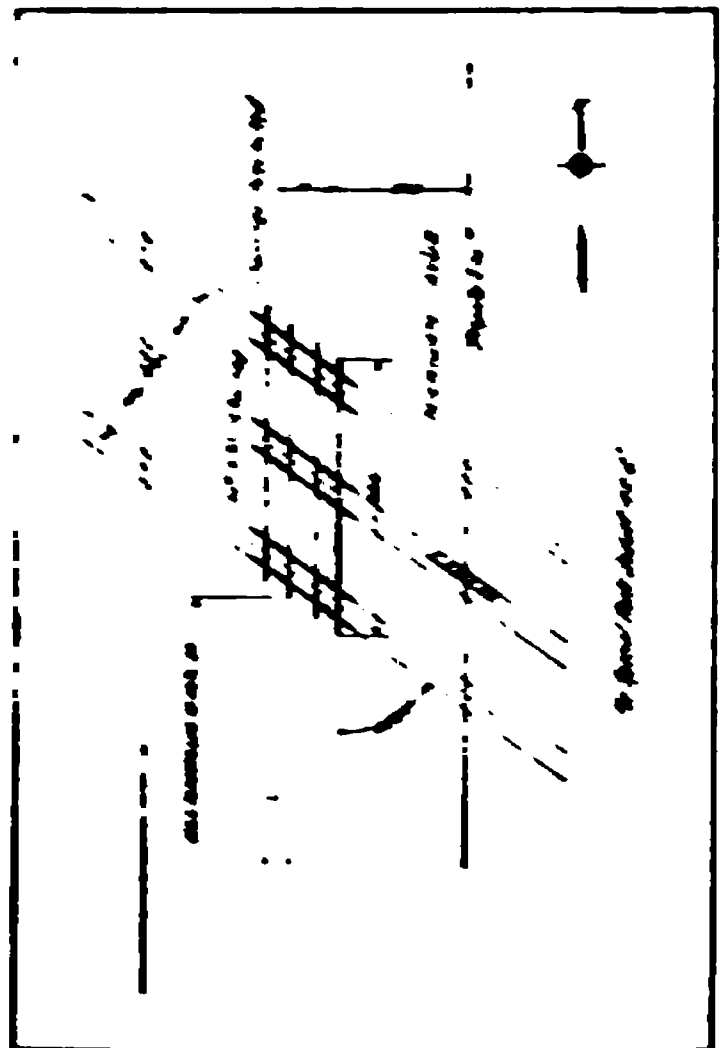
Layout No. 31.  
119th St. near South Halsted St.



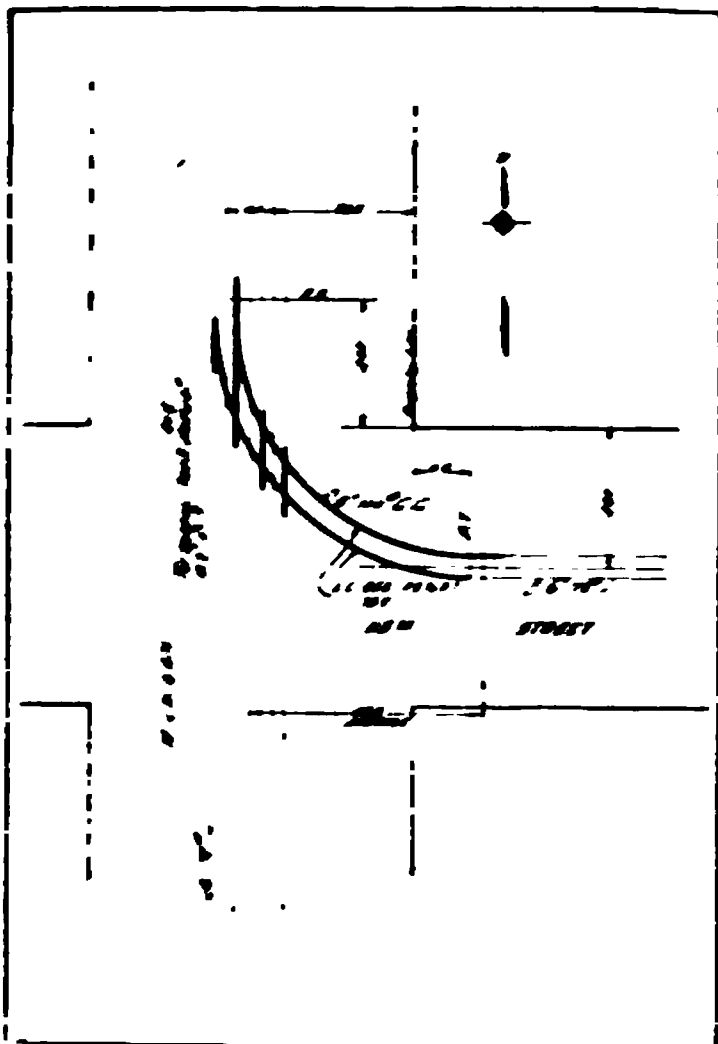
Layout No. 32.  
Michigan Ave. and 121st St.



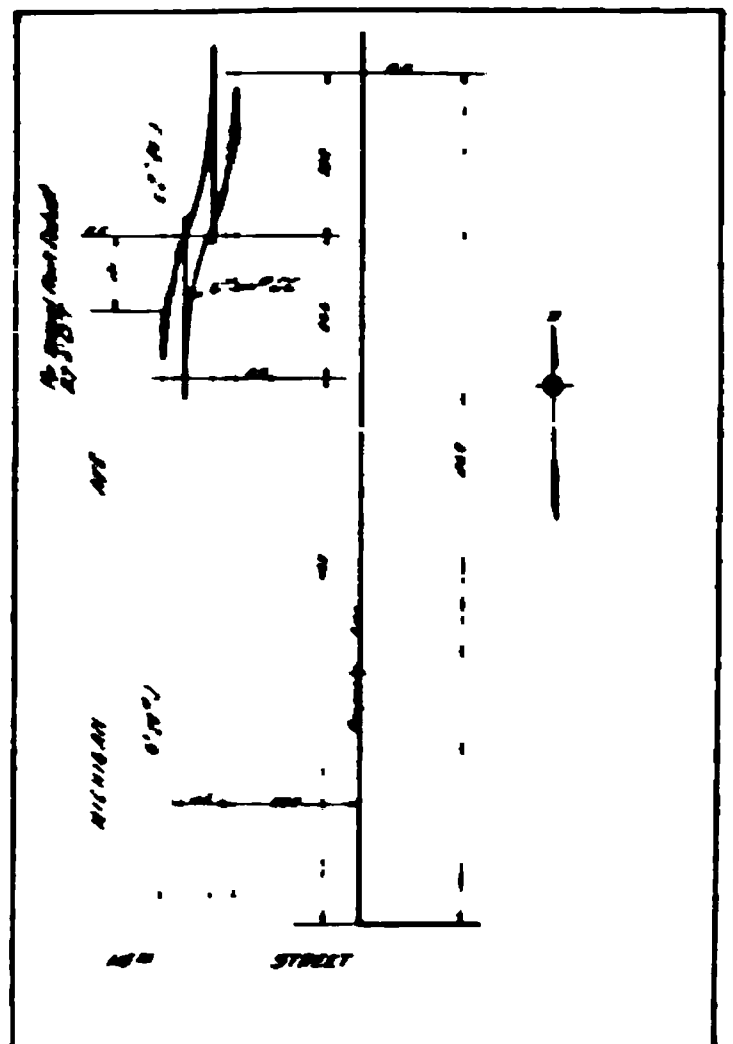
Layout No. 33.  
Michigan Ave. and 119th St.



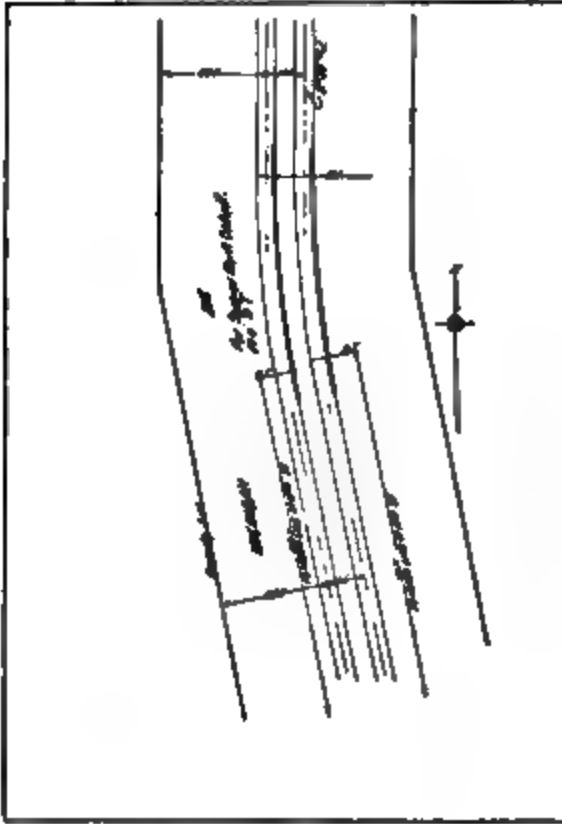
Layout No. 34.  
Michigan Ave. and C. & W. I. R. R.



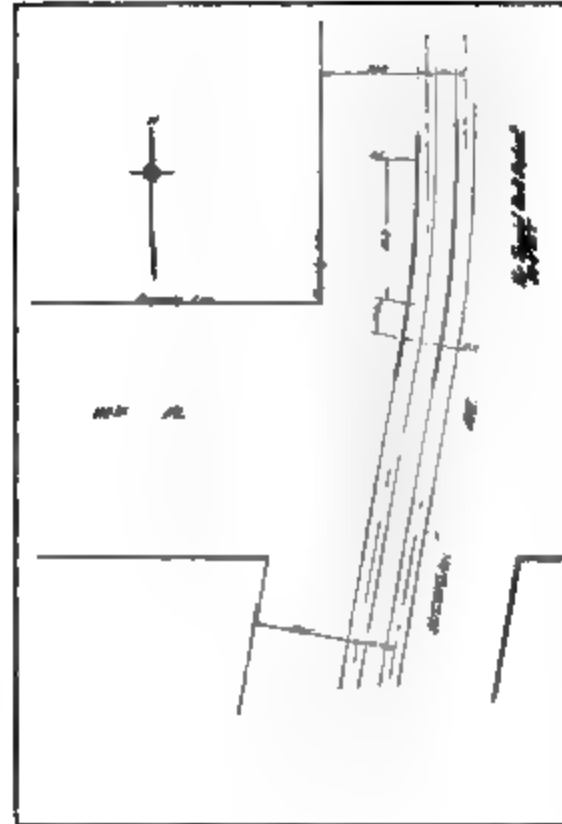
Layout No. 35.  
Michigan Ave. and 115th St.



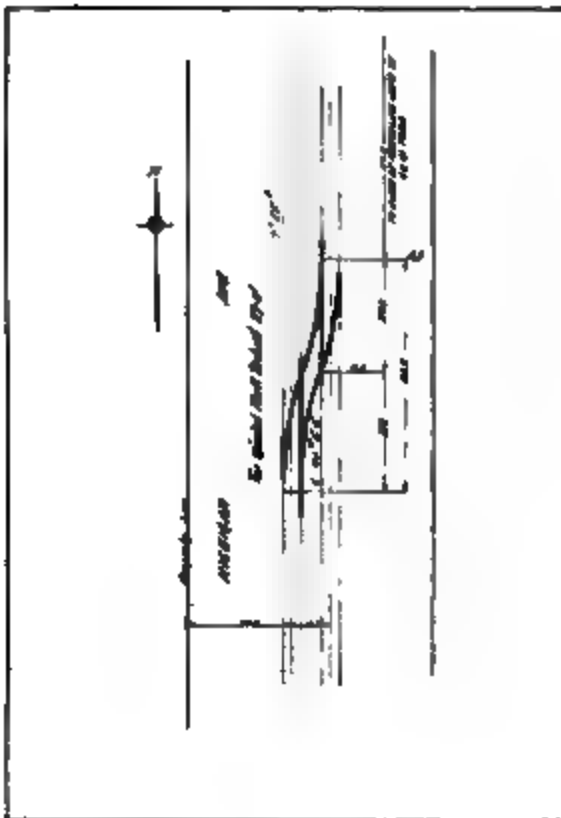
Layout No. 36.  
Michigan Ave. near 115th St.



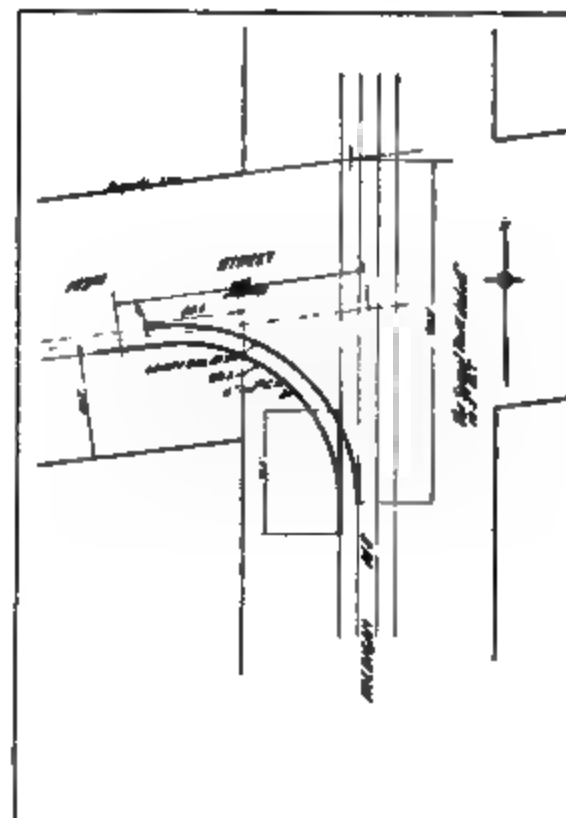
**Layout No. 37.**  
**Michigan Ave. near 111th St.**



**Layout No. 38.**  
**Michigan Ave. and 110th Pl.**

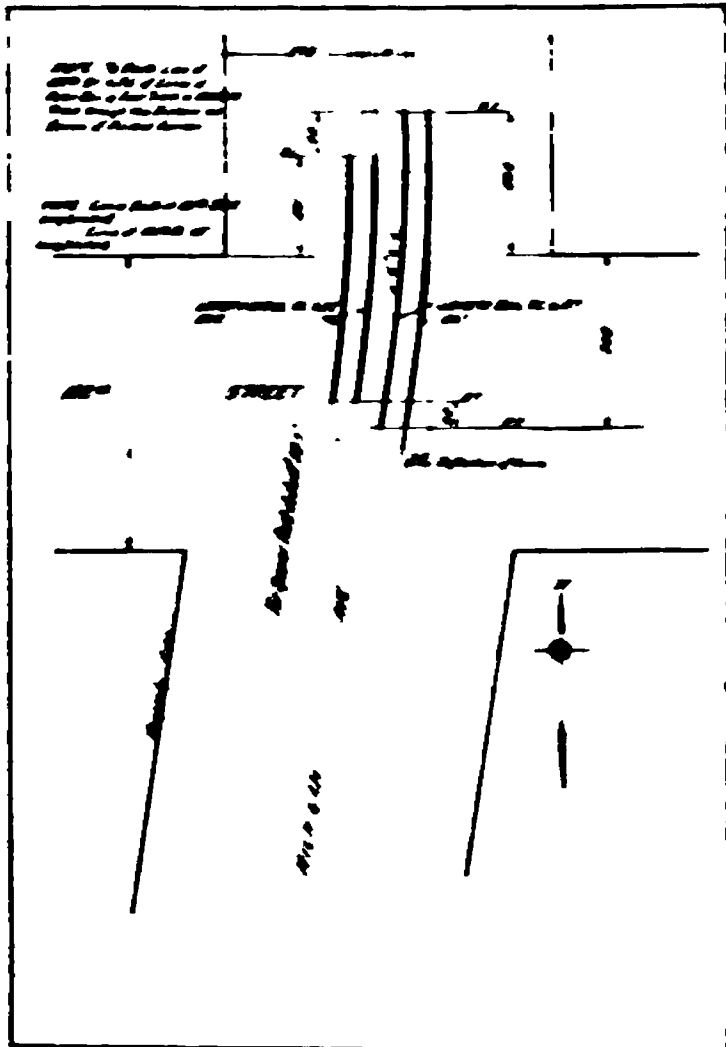


**Layout No. 39.**  
**Michigan Ave. near 103rd St.**

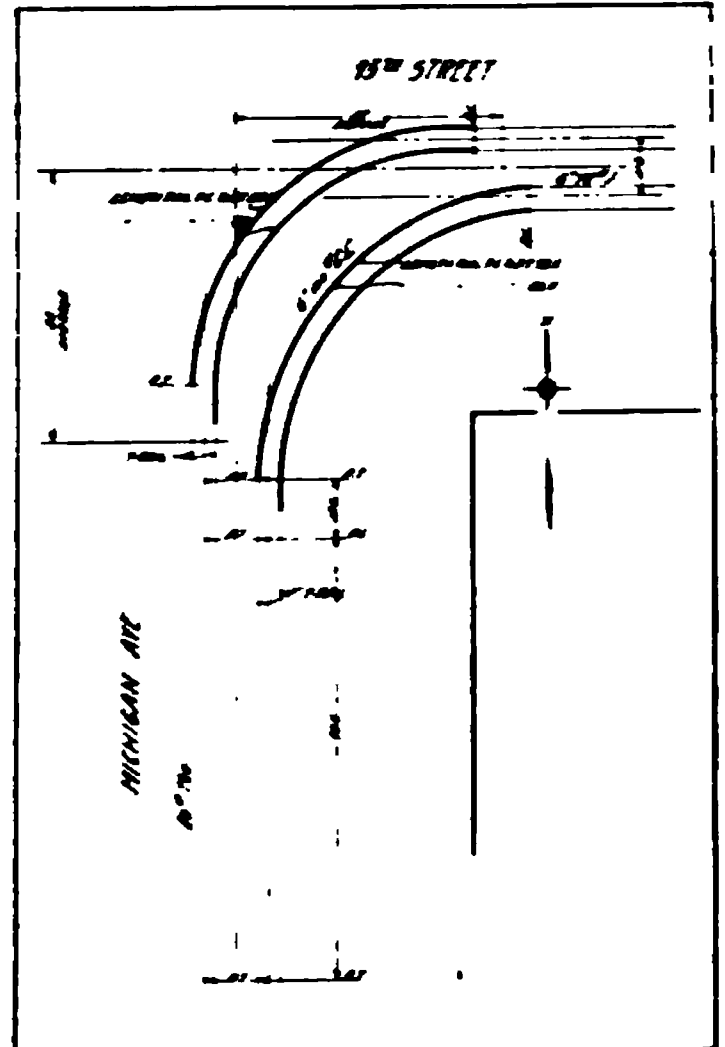


**Layout No. 40.**  
**Michigan Ave. and 103rd St.**

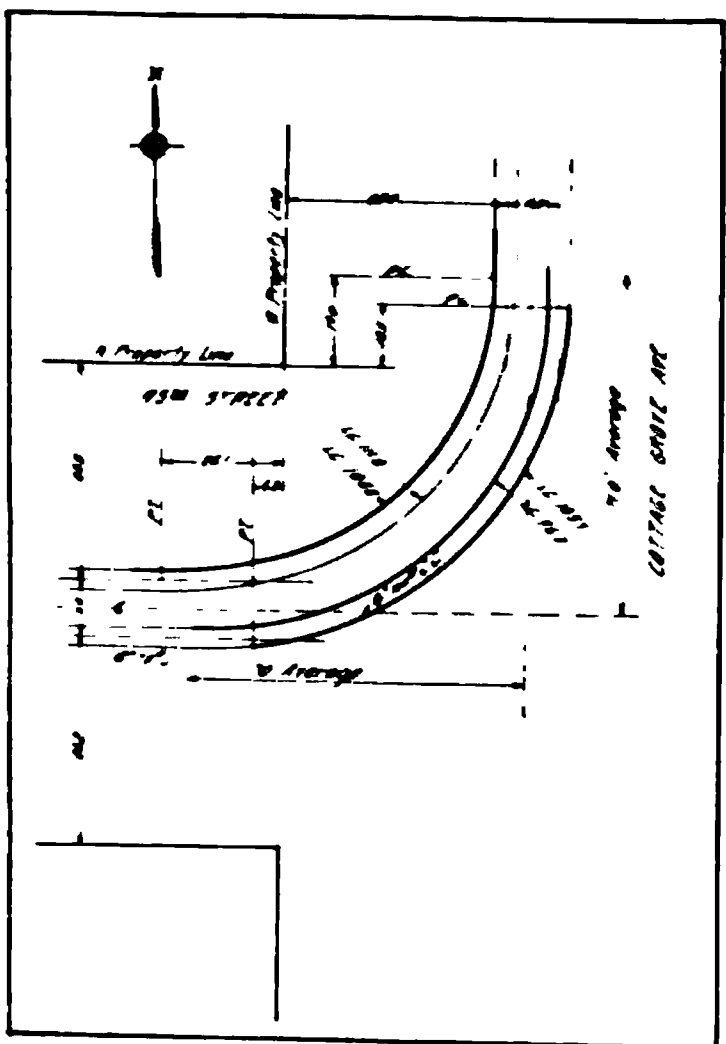




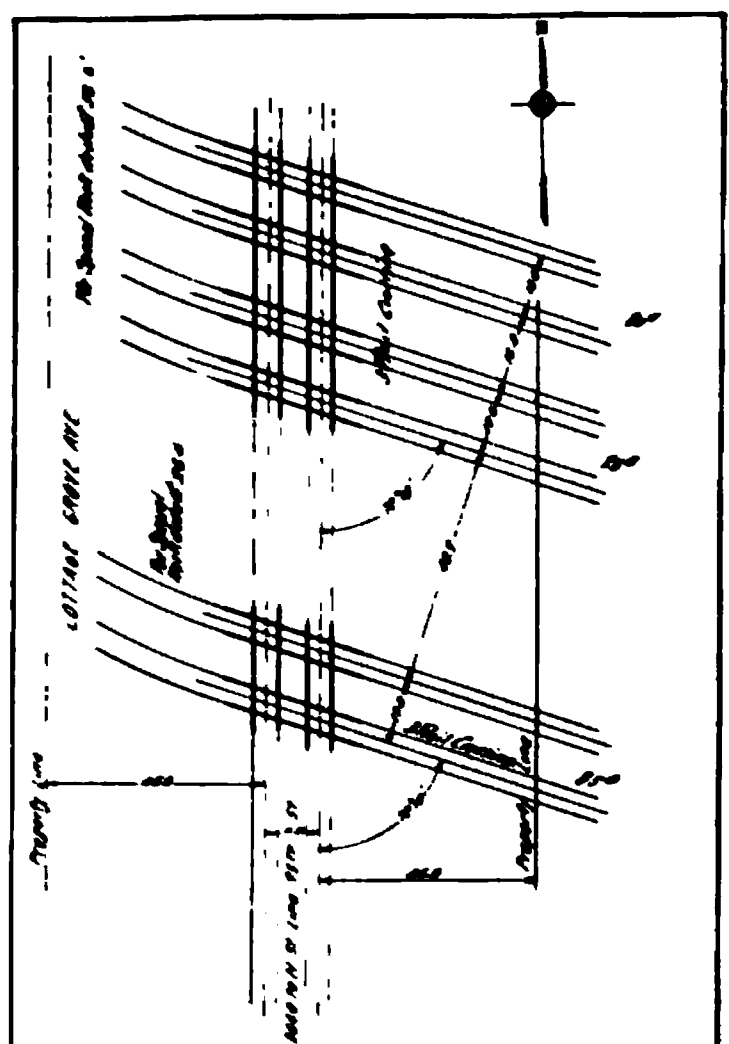
Layout No. 41.  
Michigan Ave. and 102nd St.



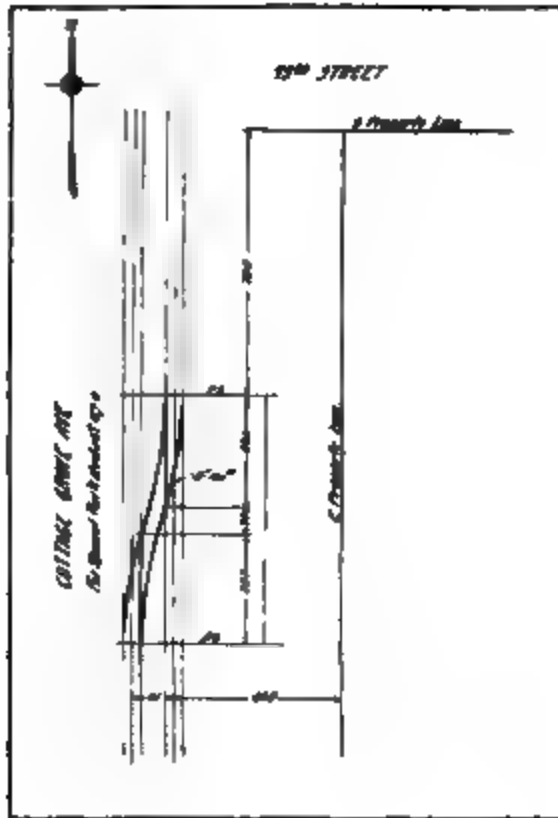
Layout No. 42.  
Michigan Ave. and 95th St.



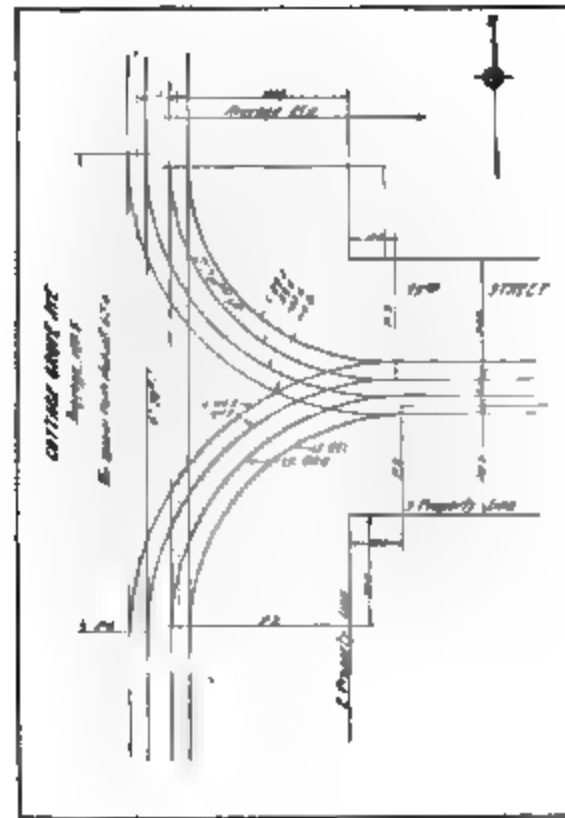
Layout No. 43.  
Cottage Grove Ave. and 95th St.



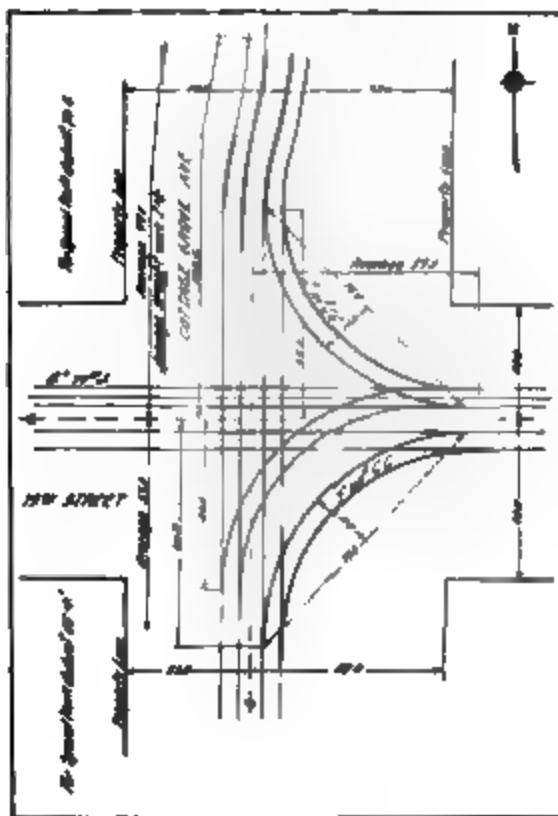
Layout No. 44.  
Cottage Grove Ave. and C. & W. I.  
R. R. and C., R. I. & P. R. R.



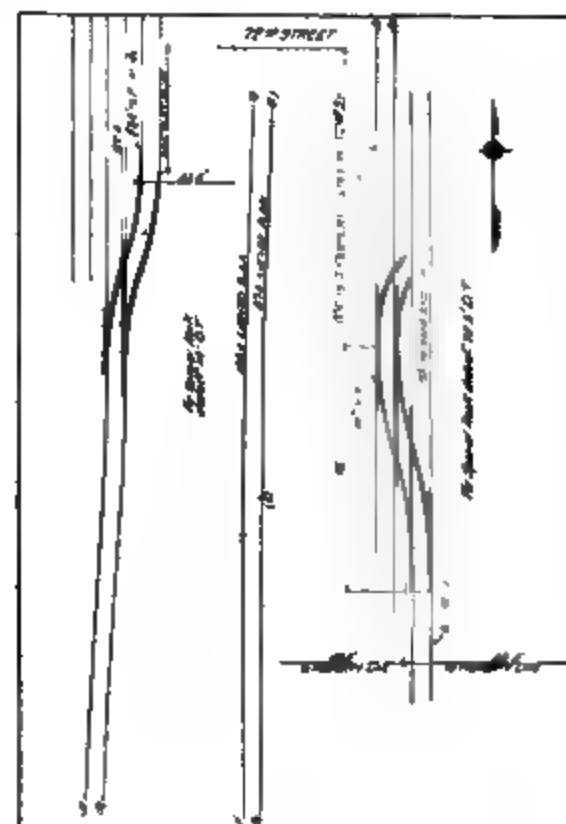
Layout No. 45.  
Cottage Grove Ave. near 93rd St.



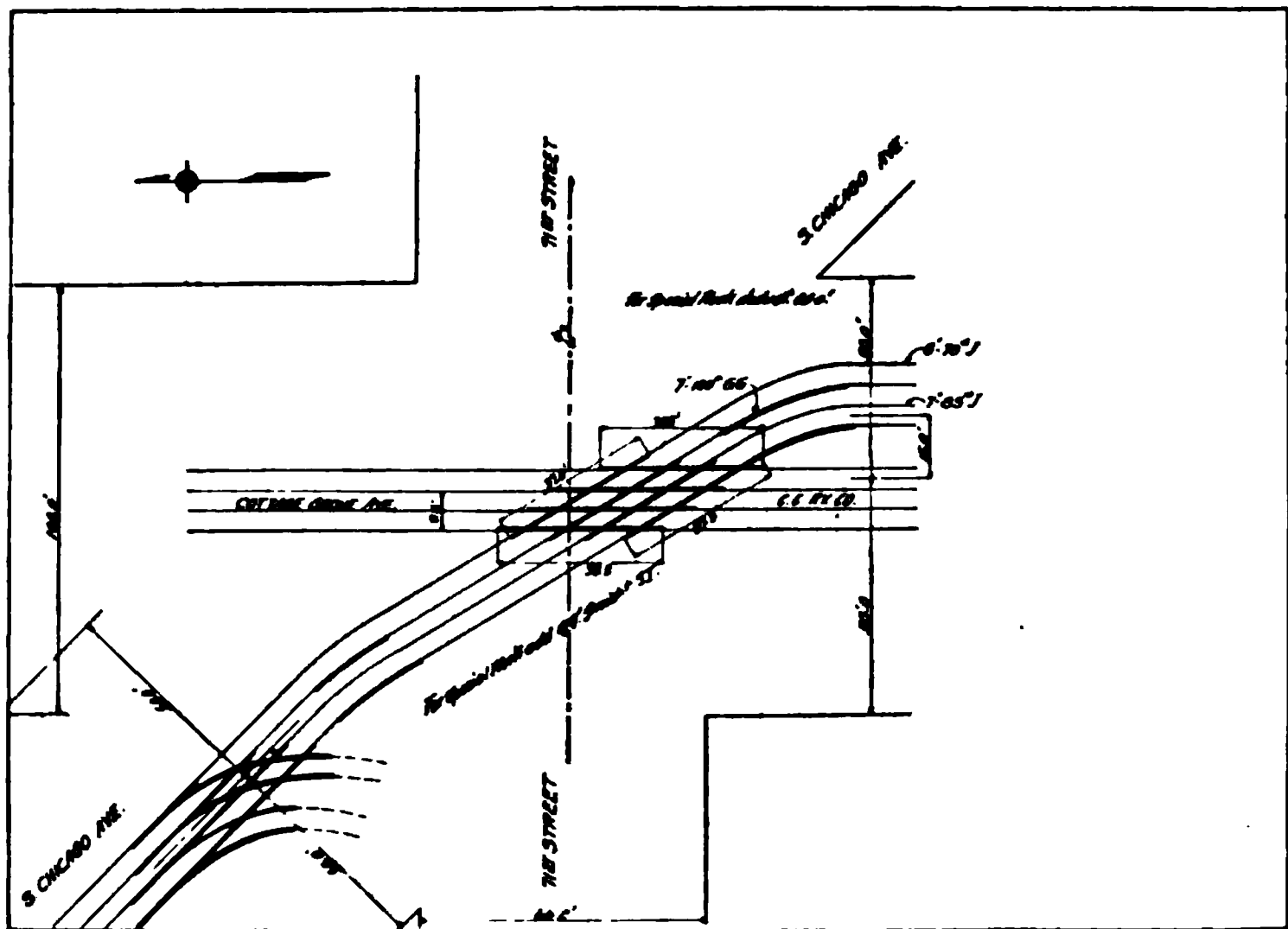
Layout No. 46.  
Cottage Grove Ave. and 93rd St.



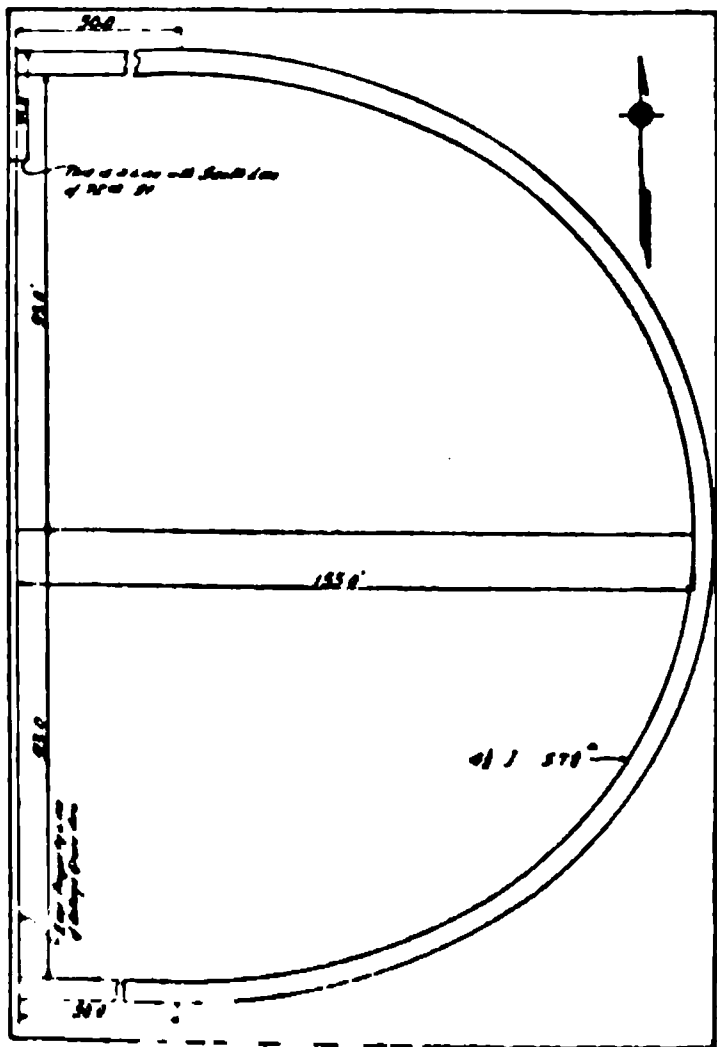
Layout No. 47.  
Cottage Grove Ave. and 75th St.



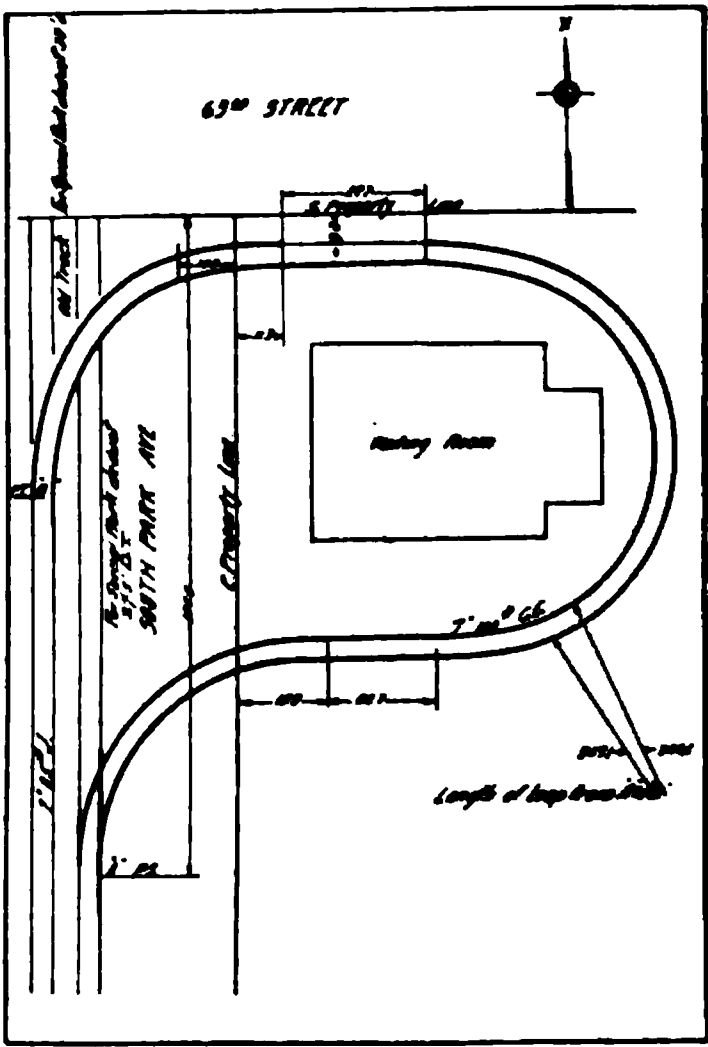
Layout No. 48.  
Cottage Grove Ave. near 72nd St.



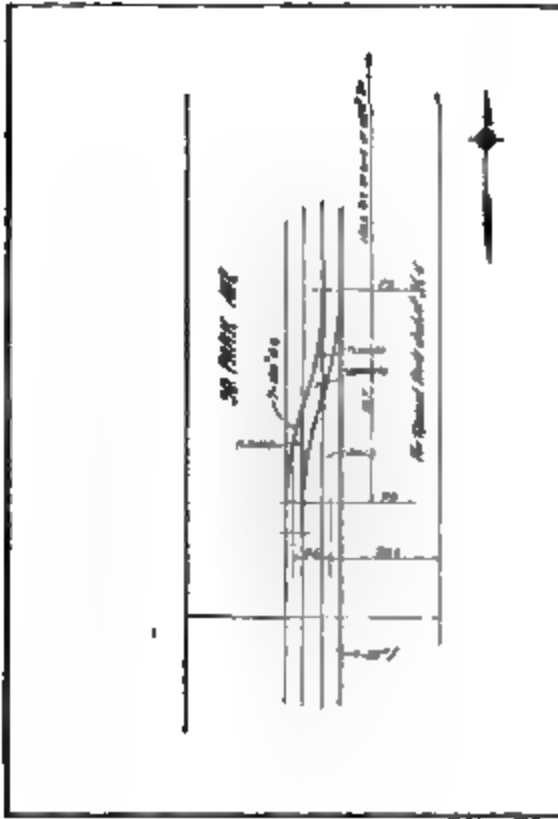
Layout No. 49. Cottage Grove Ave. and 71st St.



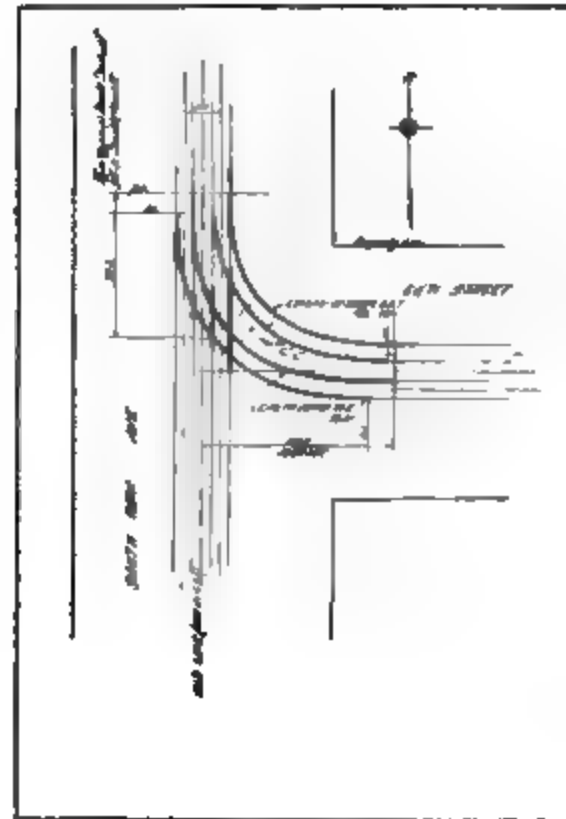
Layout No. 50.  
Brooklyne Loop.



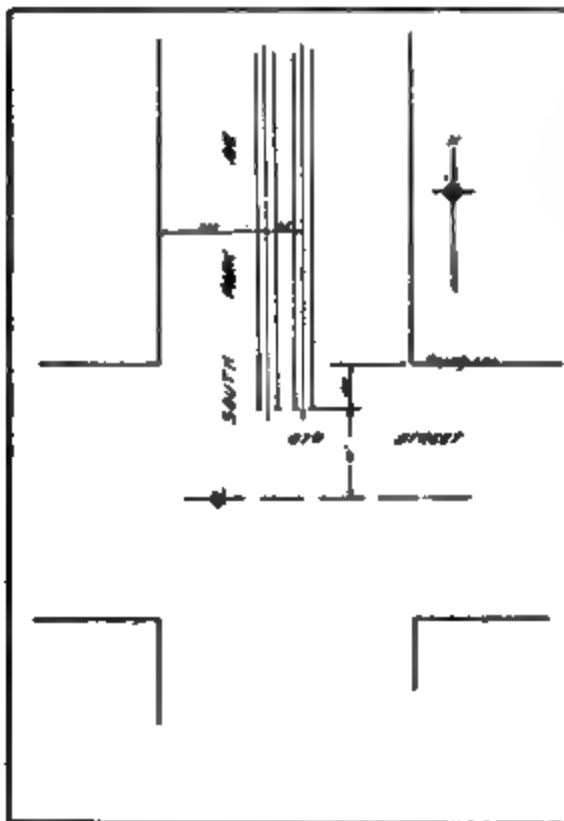
Layout No. 51.  
South Park Ave. Loop.



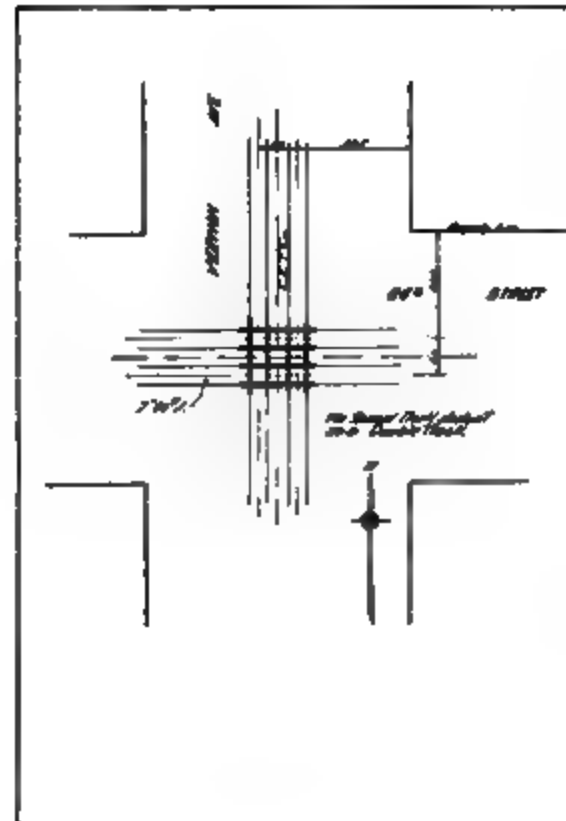
Layout No. 52.  
South Park Ave. near 63rd St.



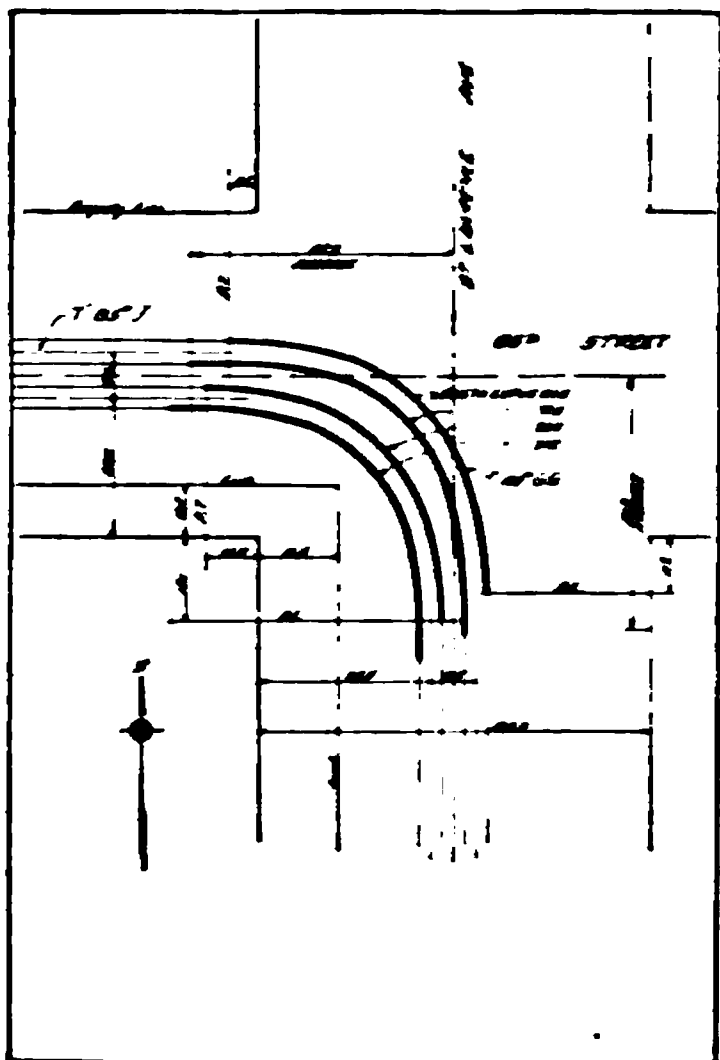
Layout No. 53.  
South Park Ave. and 66th St.



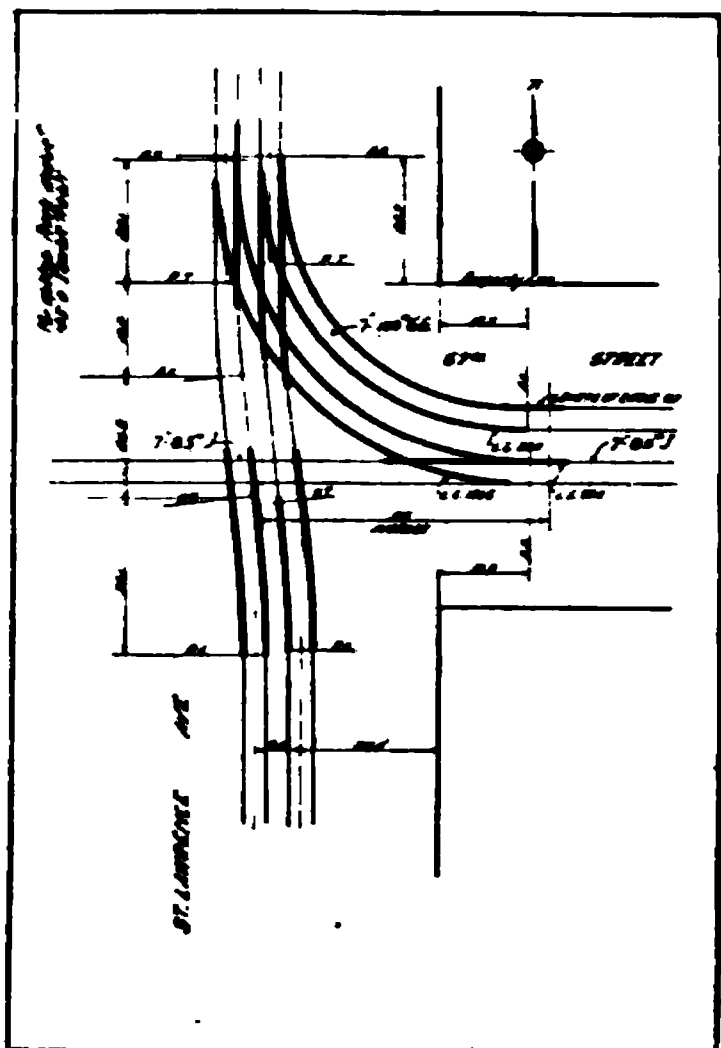
Layout No. 54.  
South Park Ave. and 67th St.



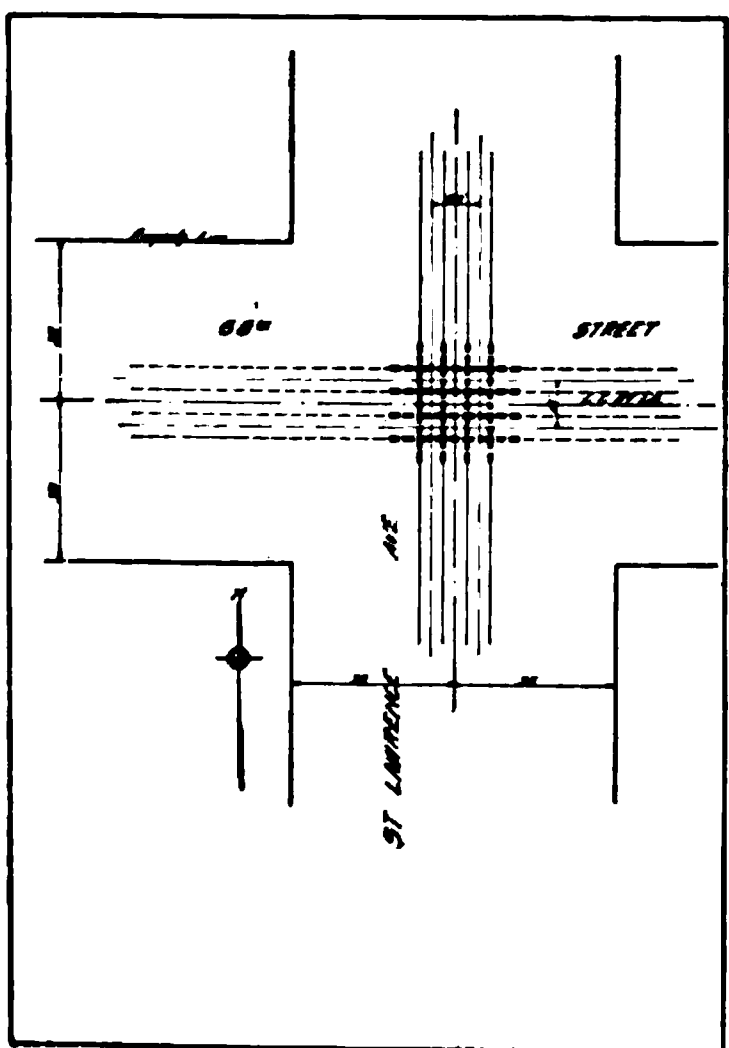
Layout No. 55.  
Vernon Ave. and 68th St.



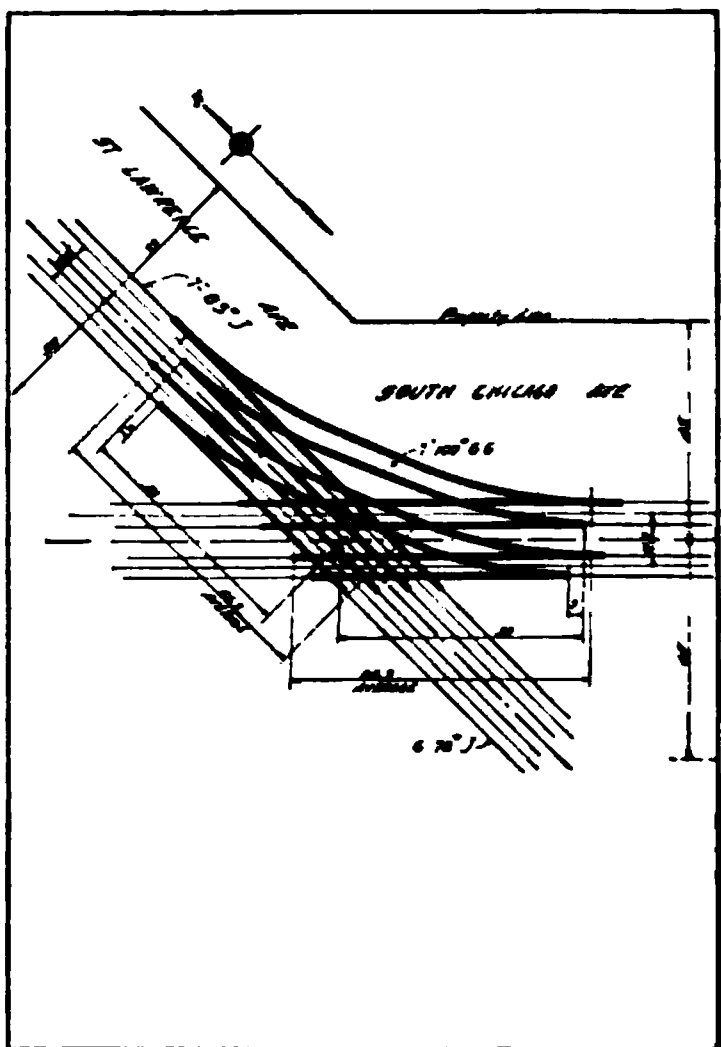
Layout No. 56.  
St. Lawrence Ave. and 66th St.



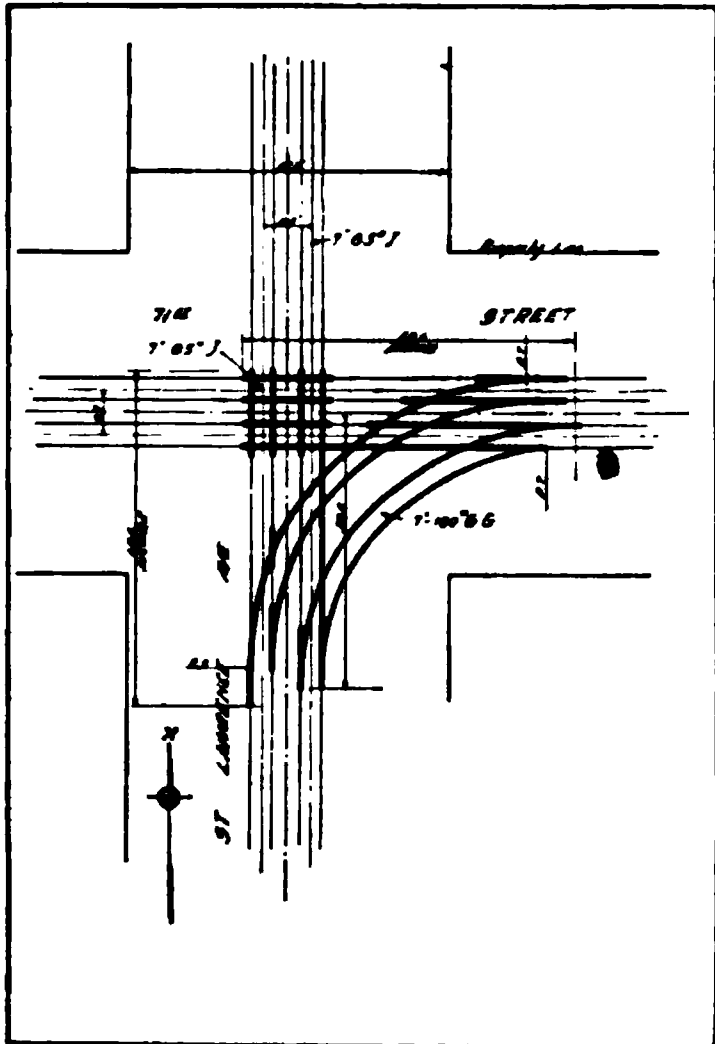
Layout No. 57.  
St. Lawrence Ave. and 67th St.



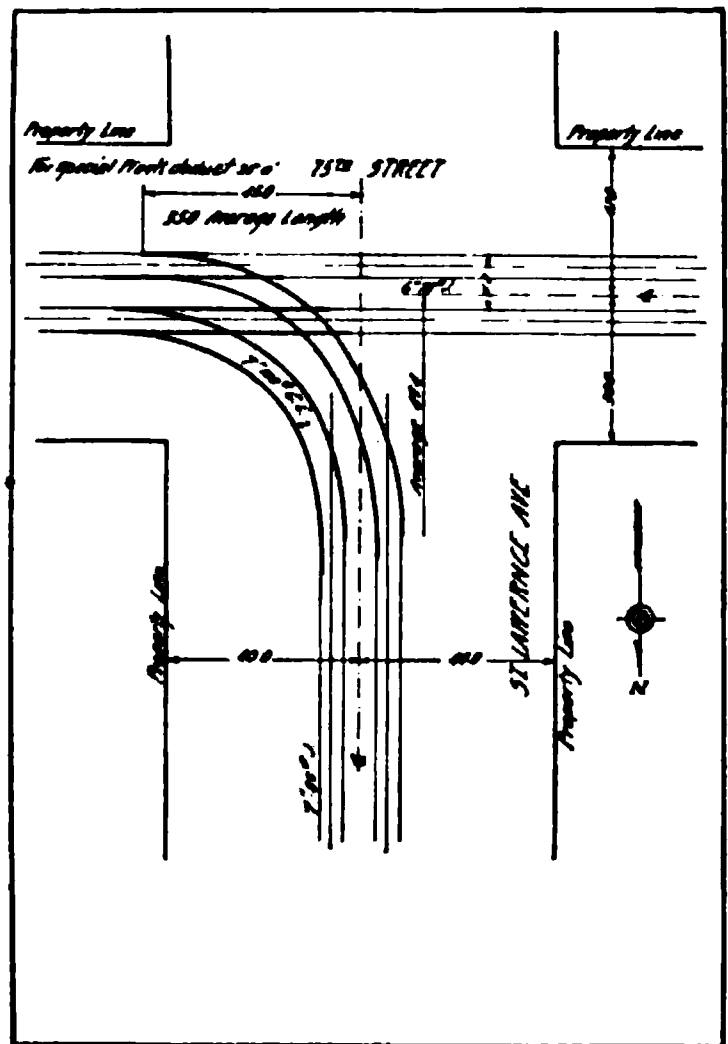
Layout No. 58.  
St. Lawrence Ave. and 68th St.



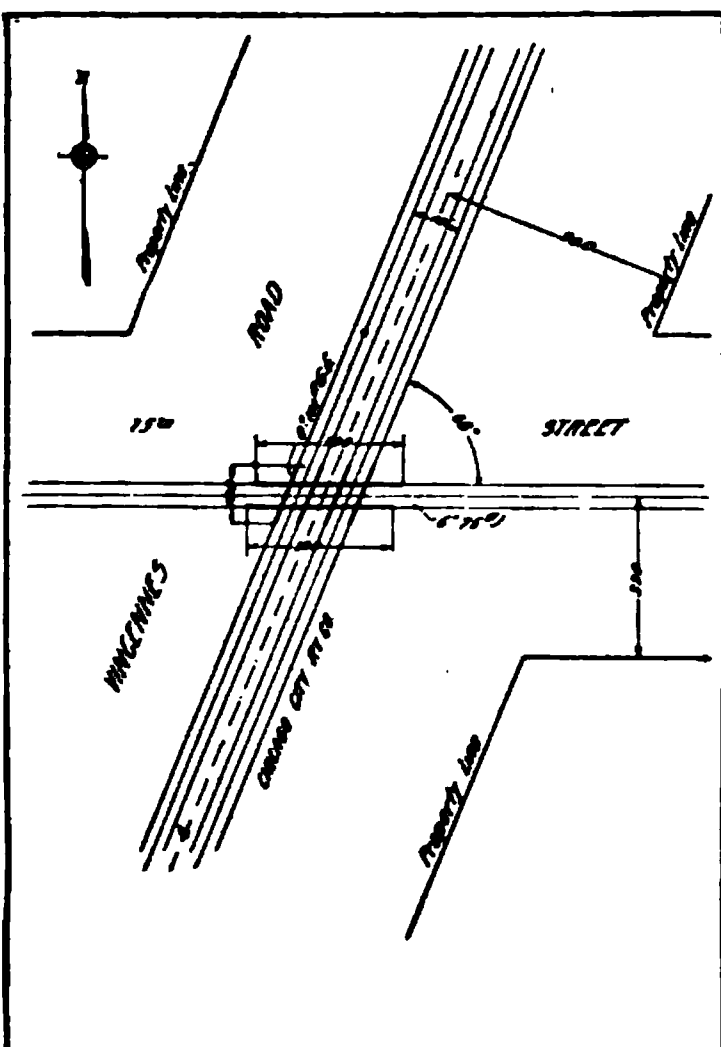
Layout No. 59.  
St. Lawrence Ave. and South Chi-  
cago Ave.



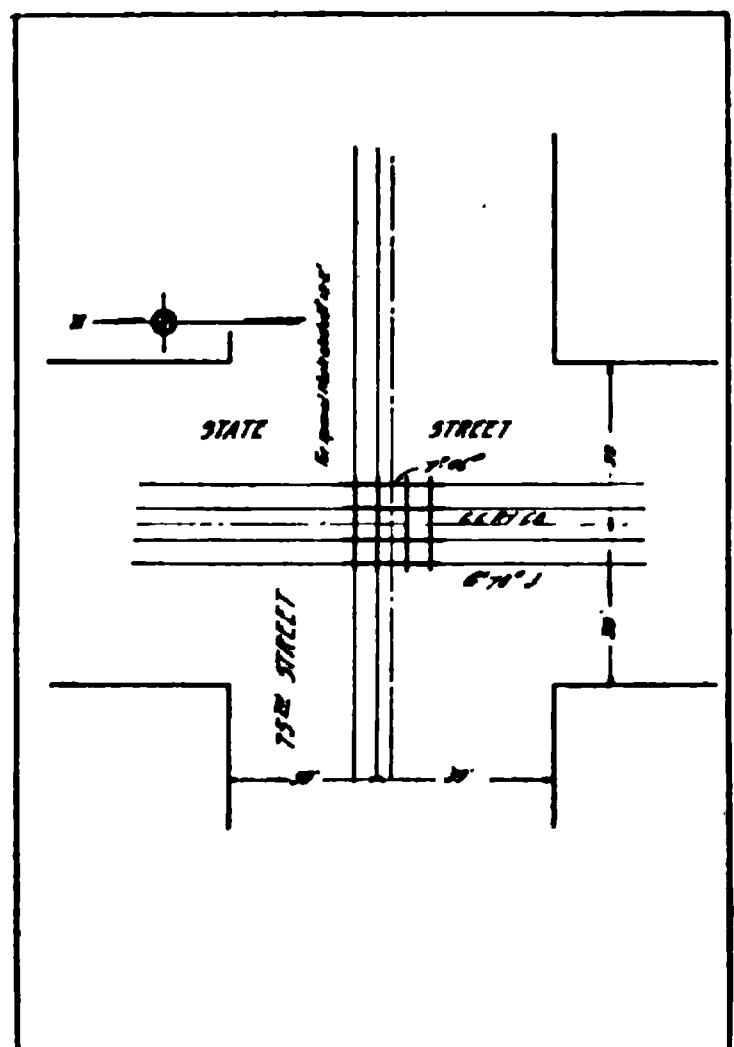
Layout No. 60.  
St. Lawrence Ave. and 71st St.



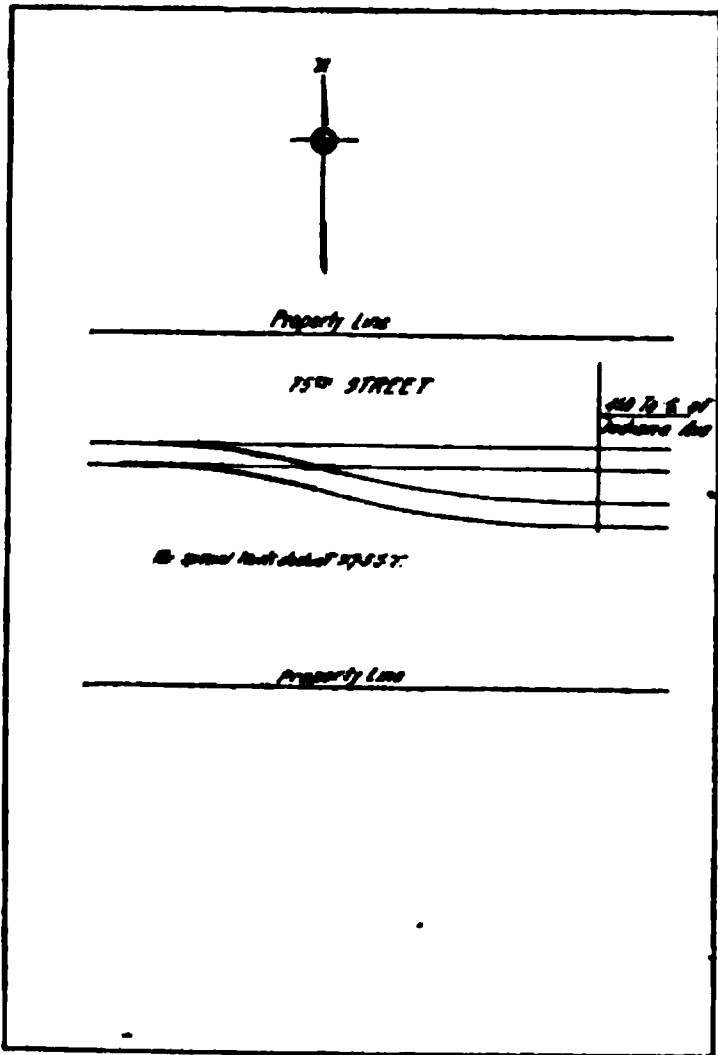
Layout No. 61.  
St. Lawrence Ave. and 75th St.



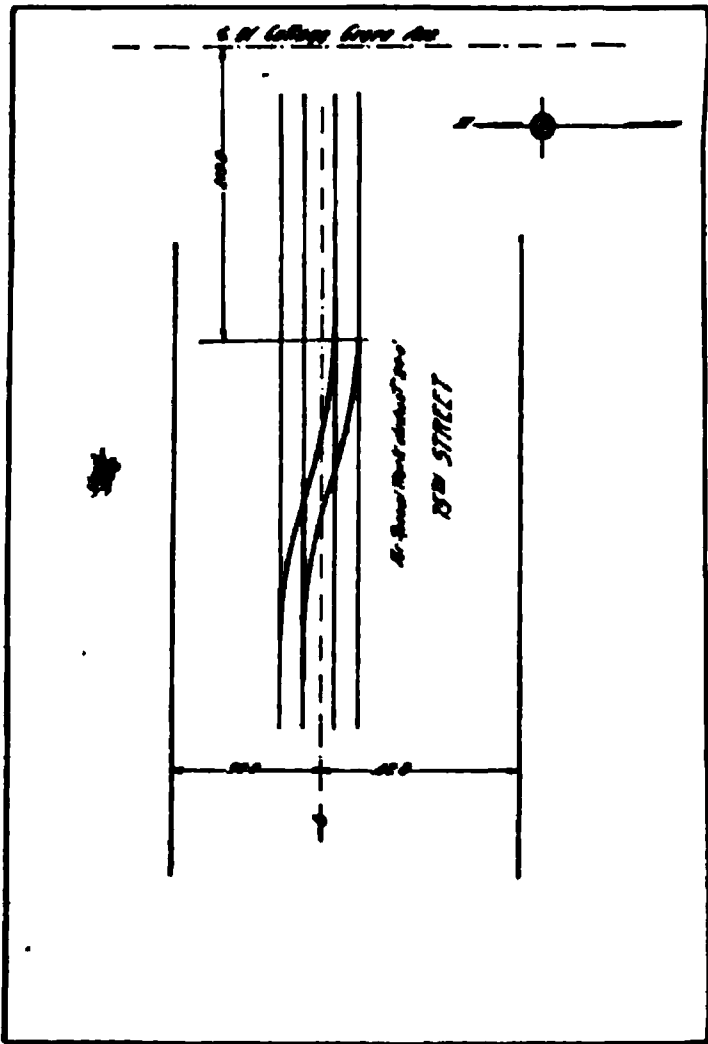
Layout No. 62.  
75th St. and Vincennes Road.



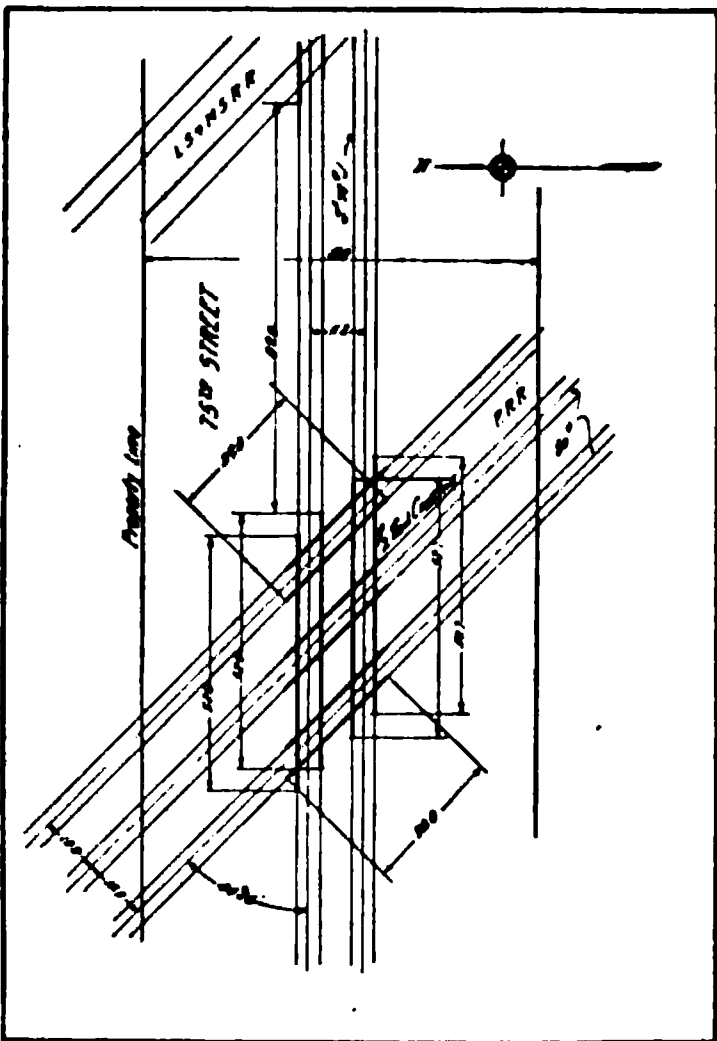
Layout No. 63.  
75th St. and State St.



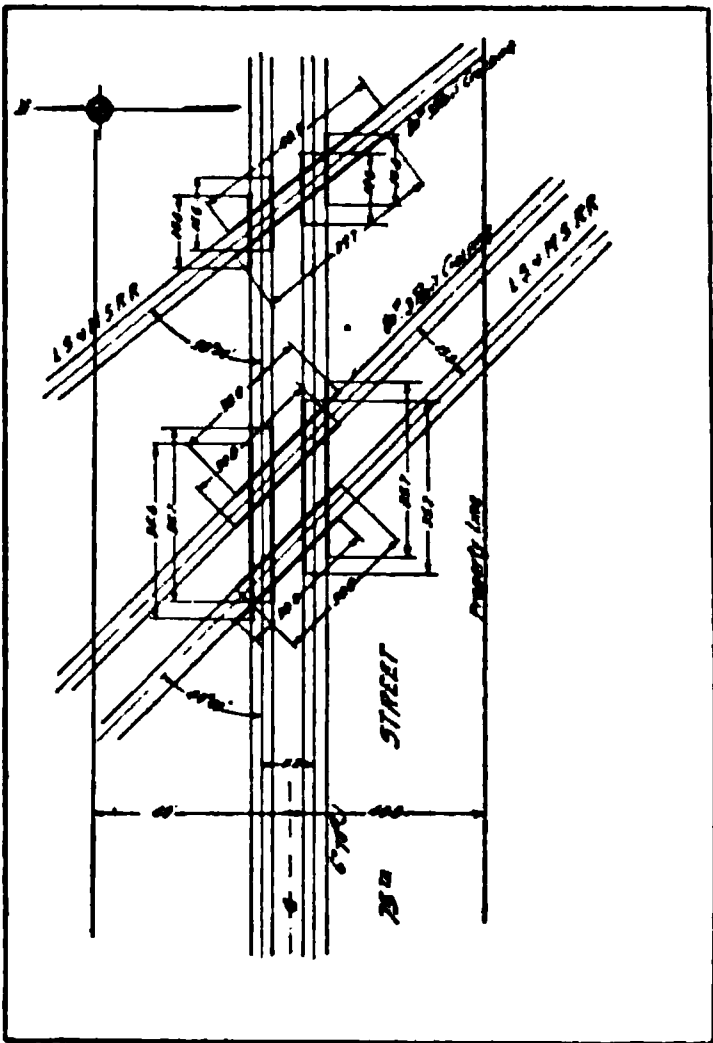
Layout No. 64.  
75th St. near Indiana Ave.



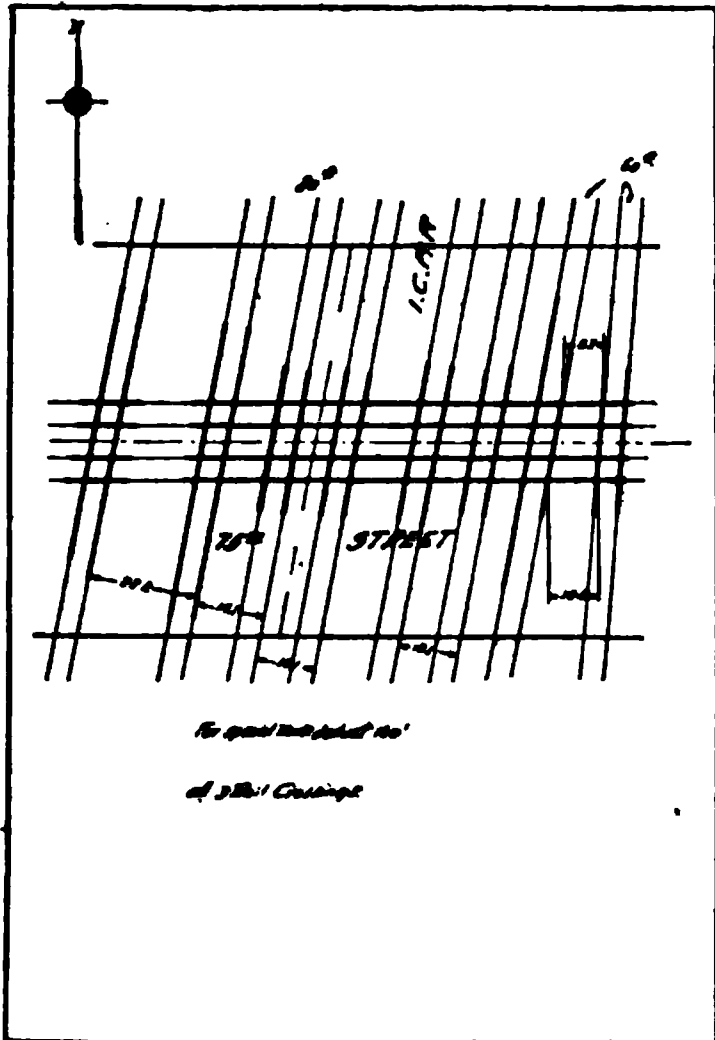
Layout No. 65.  
75th St. near Cottage Grove Ave.



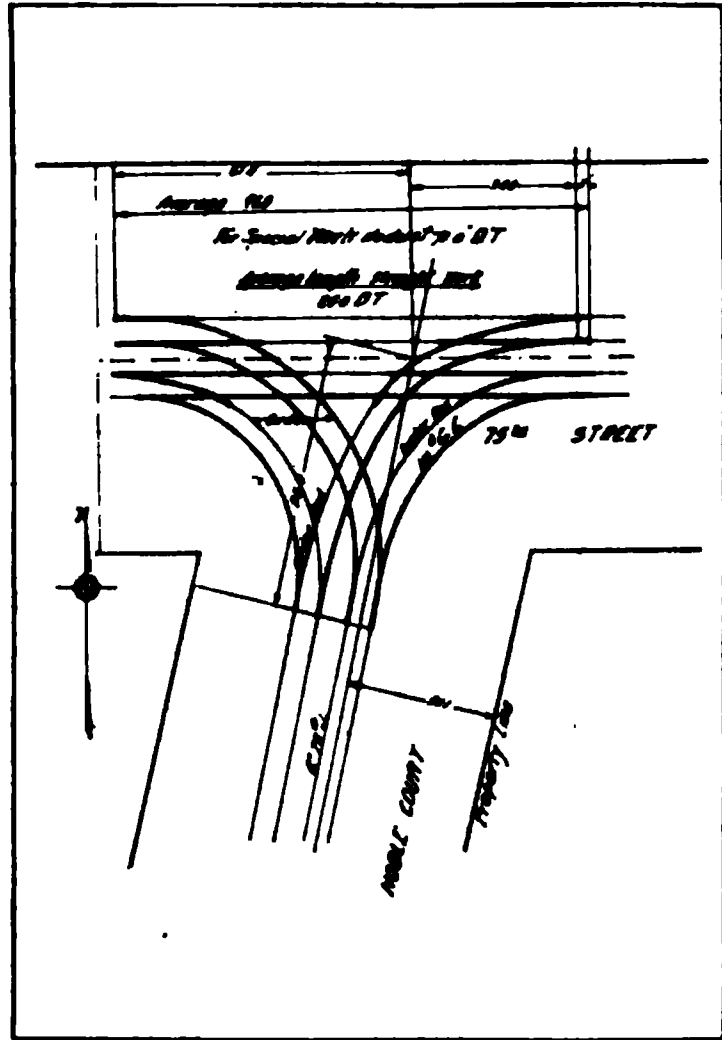
Layout No. 66.  
75th St. and Grand Crossing.



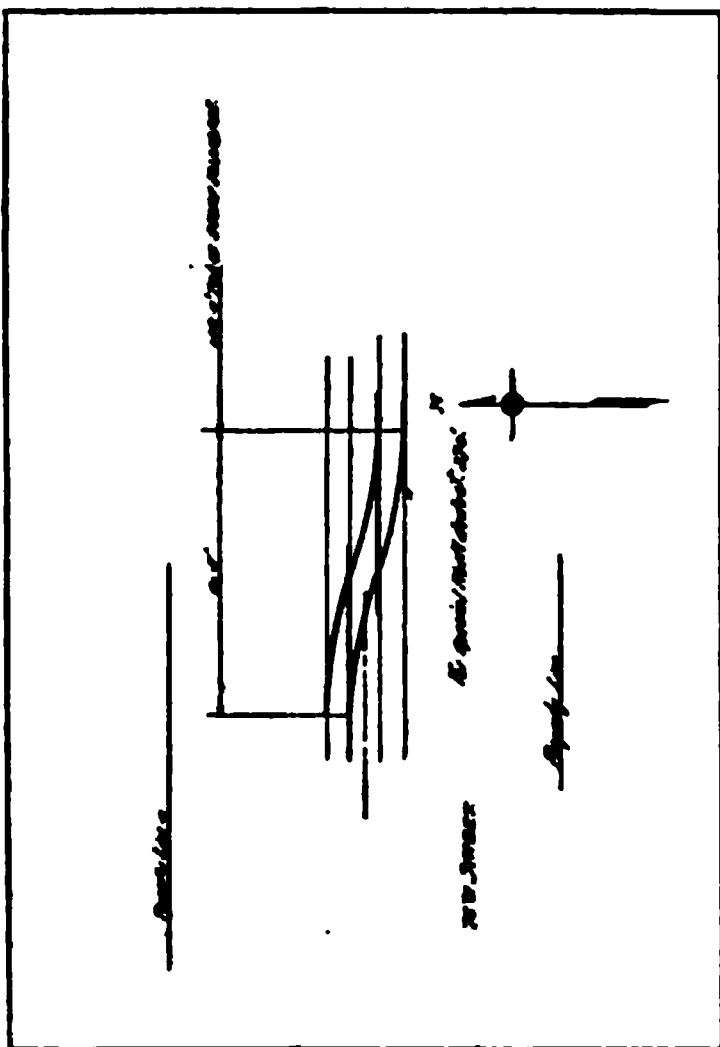
Layout No. 67.  
75th St. and Grand Crossing.



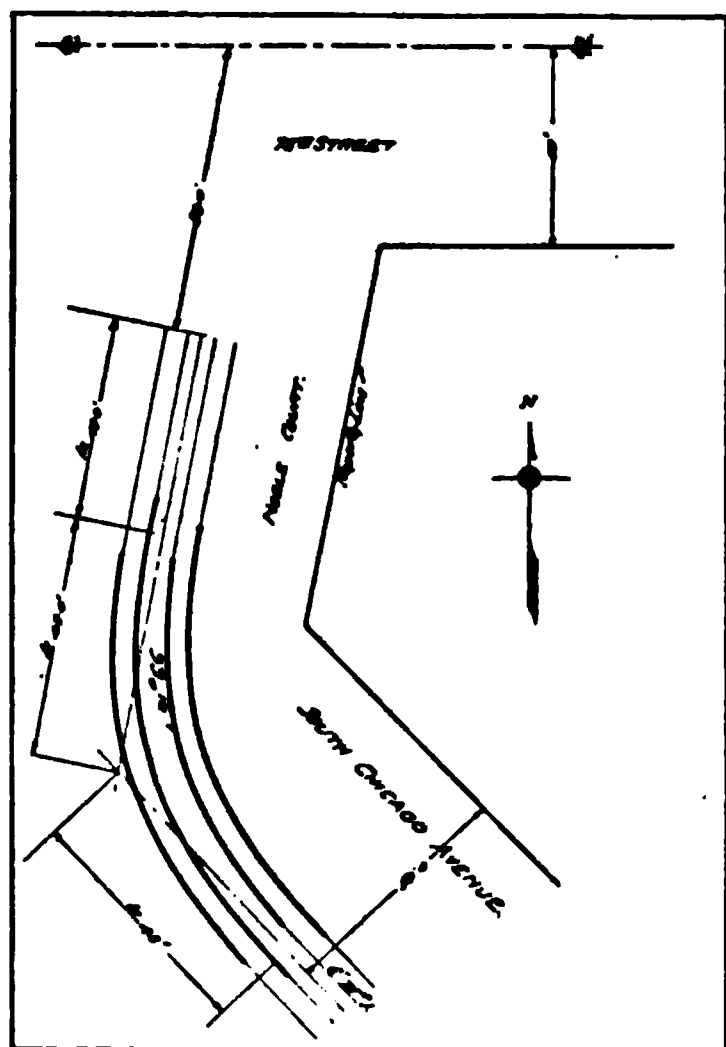
Layout No. 68.  
75th St. and Grand Crossing.



Layout No. 69.  
75th St. and Noble Court.

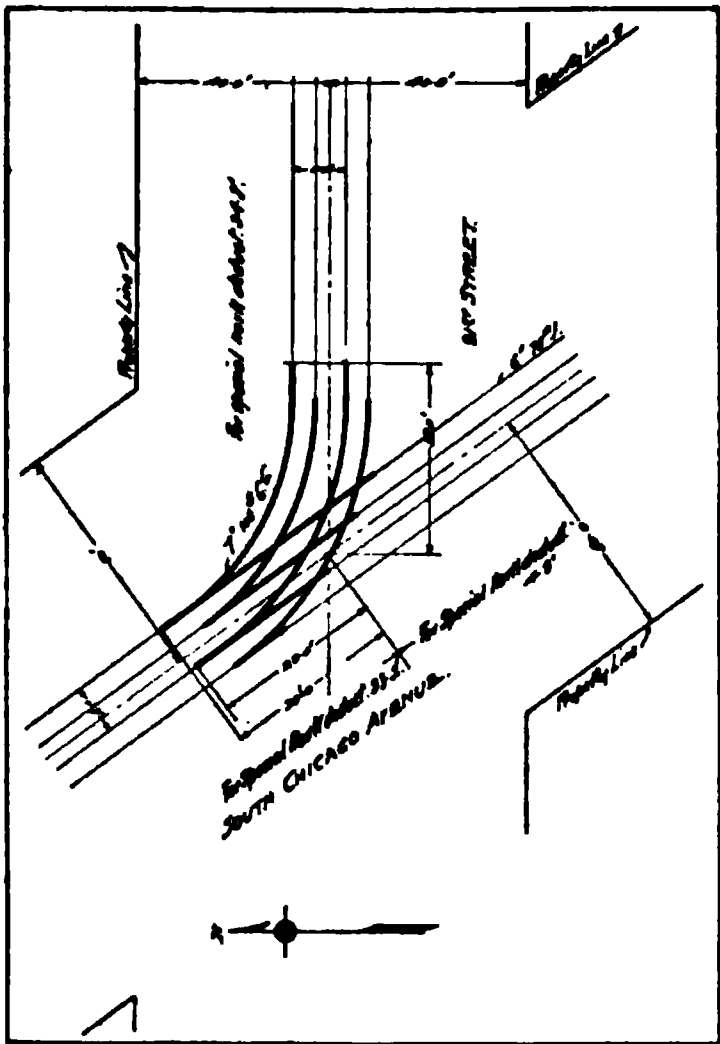


Layout No. 70.  
75th St. near Stony Island Ave.

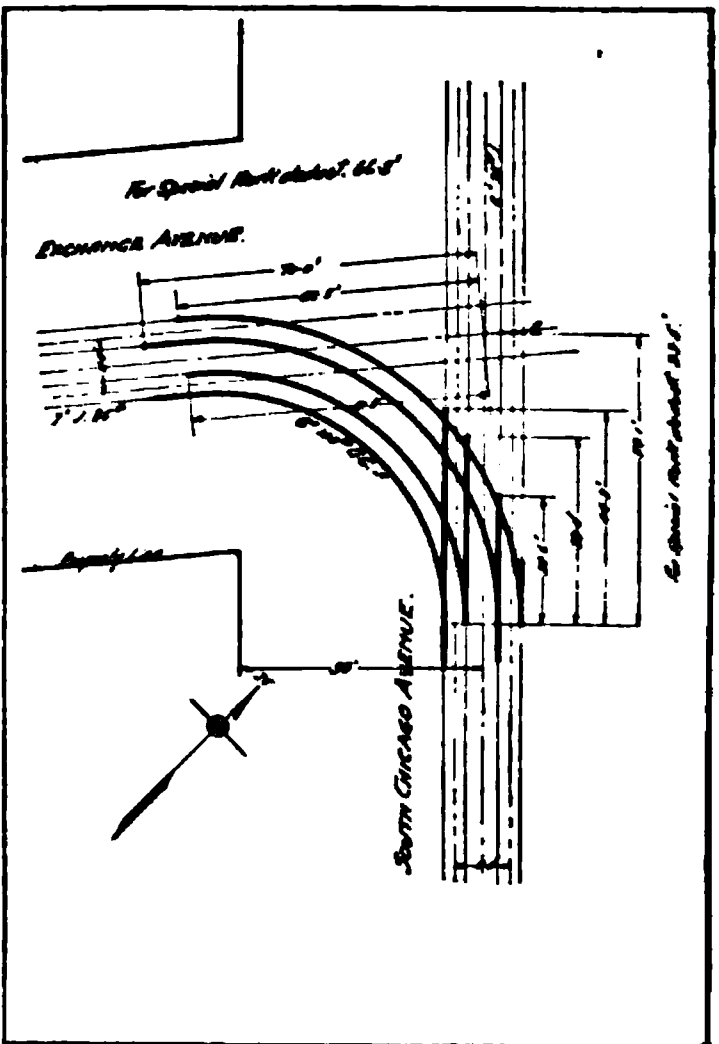


Layout No. 71.  
South Chicago Ave. and Noble Court.

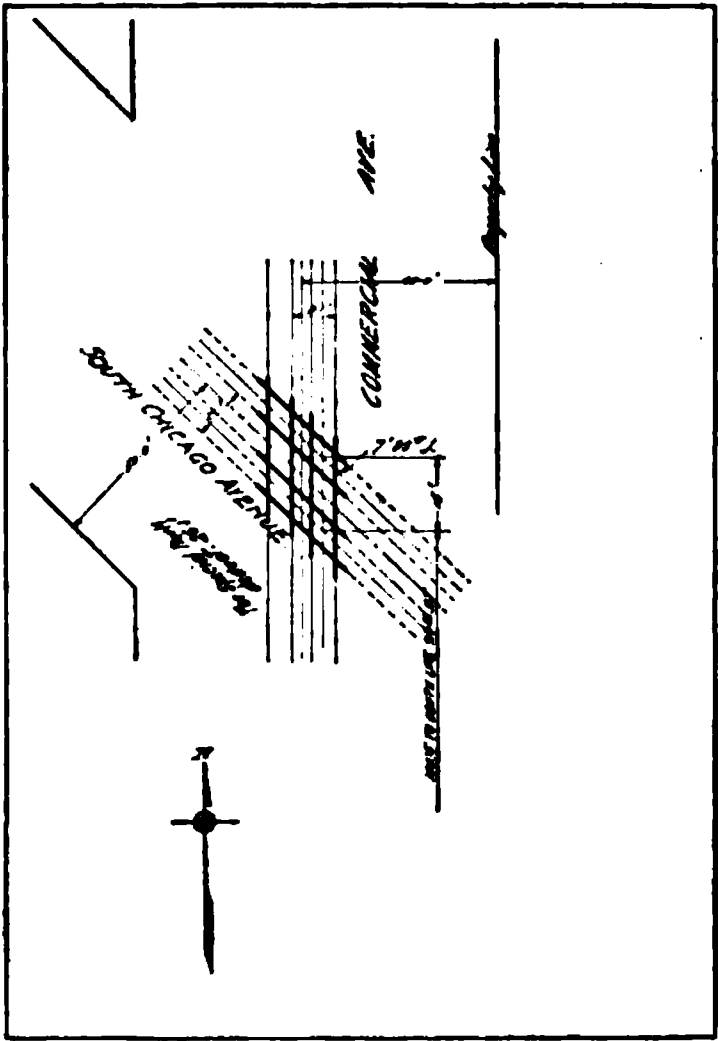




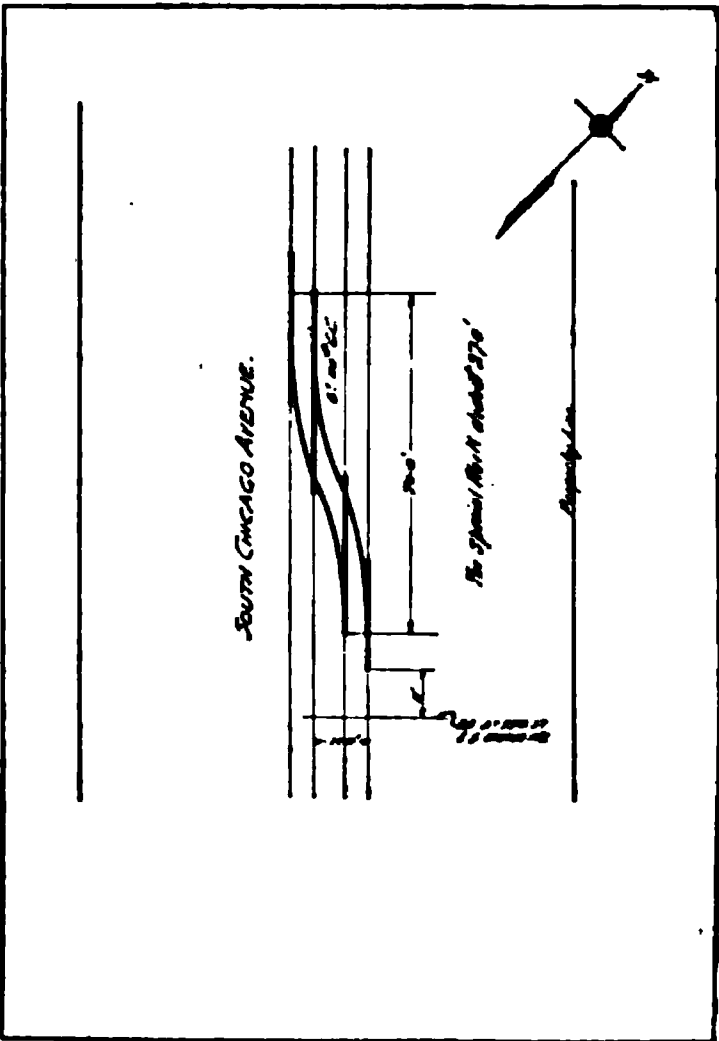
Layout No. 72.  
South Chicago Ave. and 91st St.



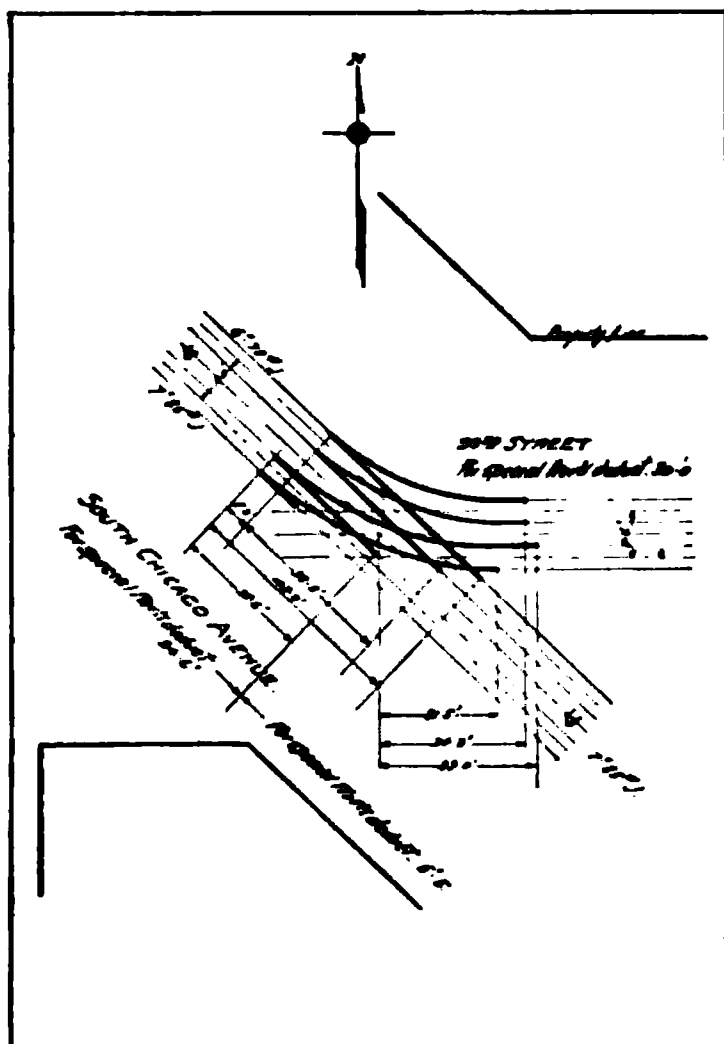
Layout No. 73.  
South Chicago Ave. and Exchange Ave.



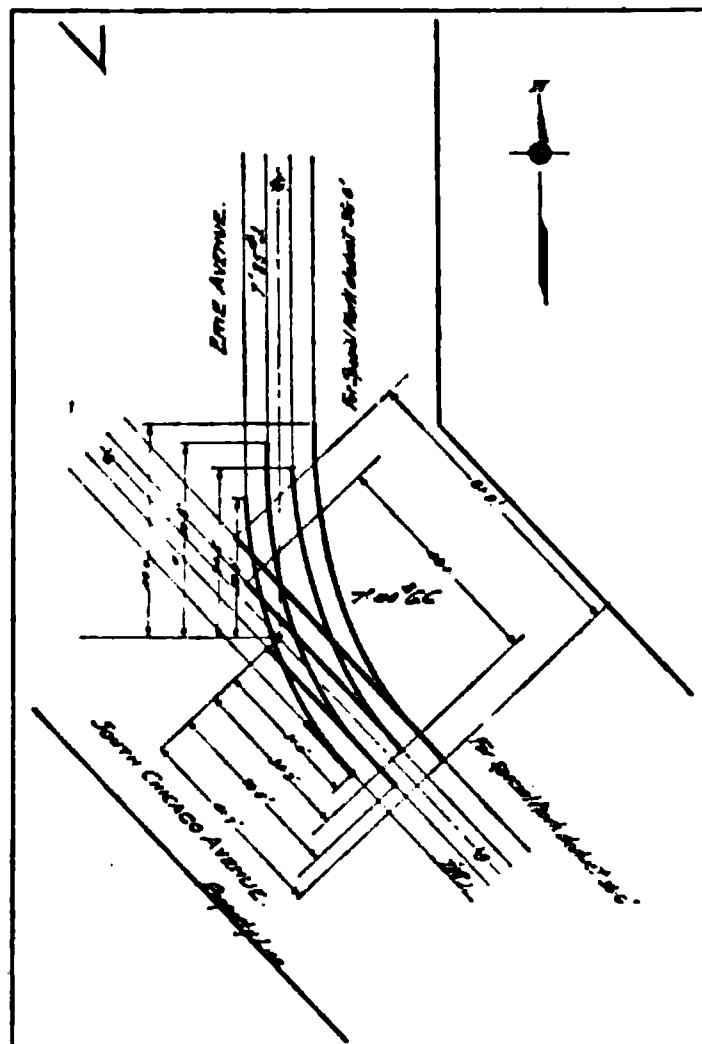
Layout No. 74.  
South Chicago Ave. and Commercial Ave.



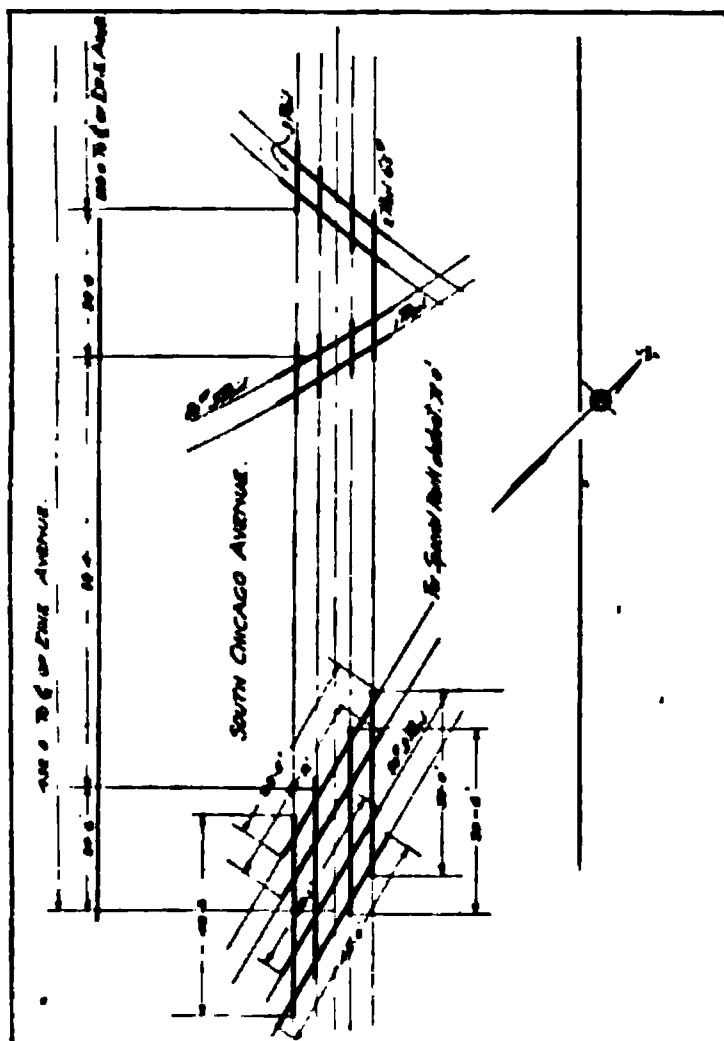
Layout No. 75.  
South Chicago Ave. near 93rd St.



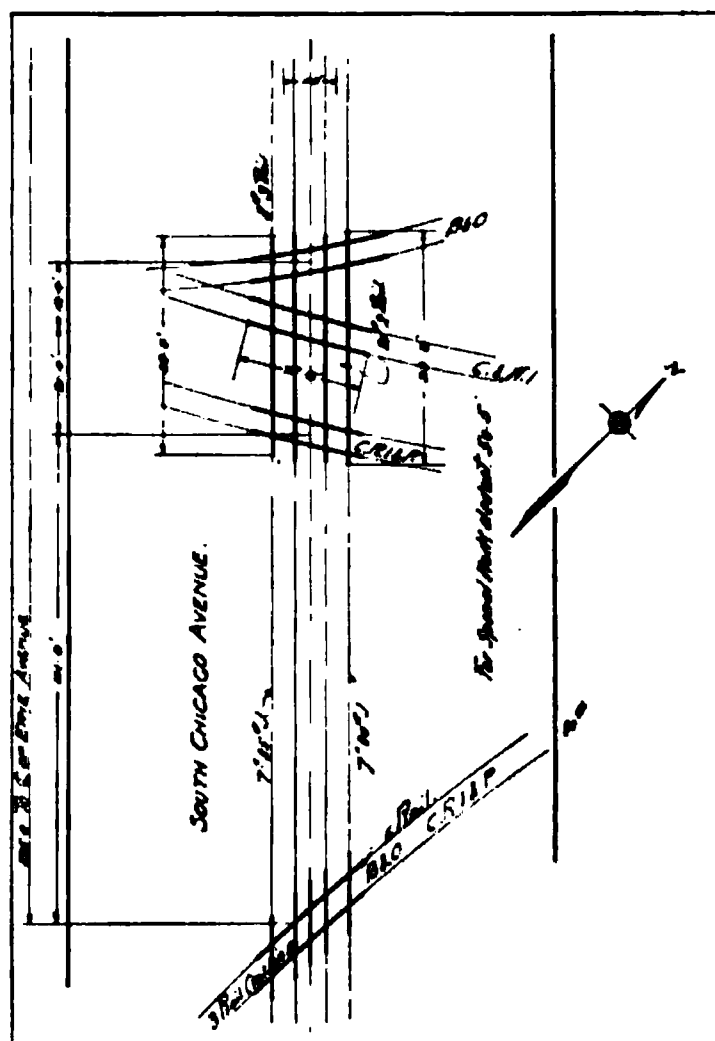
Layout No. 76.  
South Chicago Ave. and 93rd St.



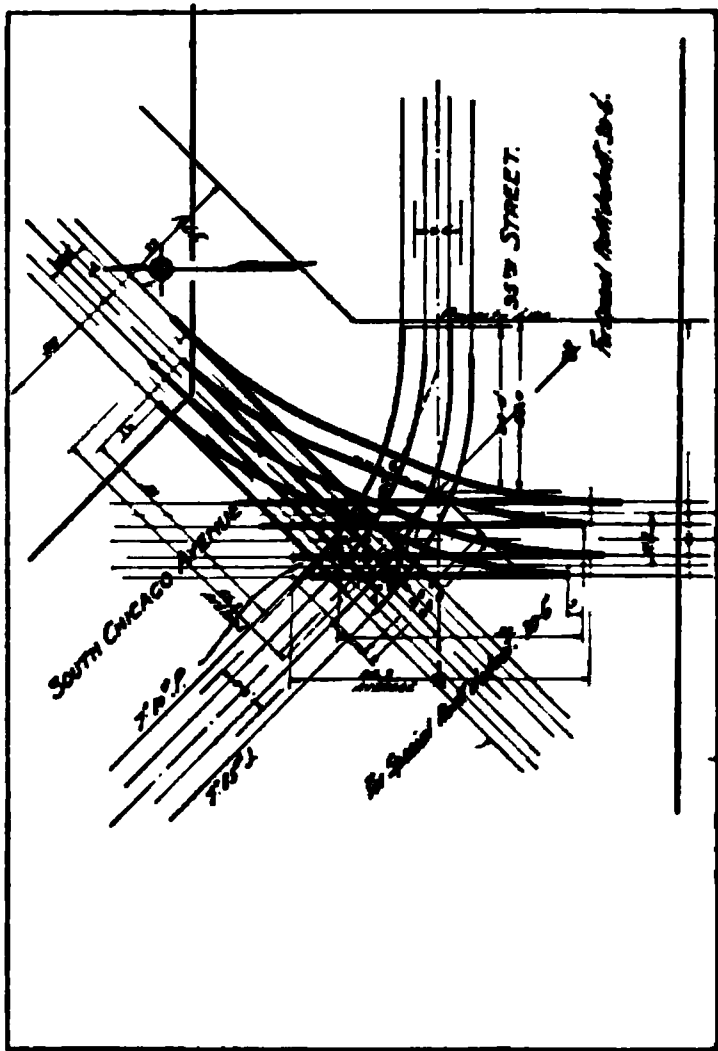
Layout No. 77.  
South Chicago Ave. and Erie Ave.



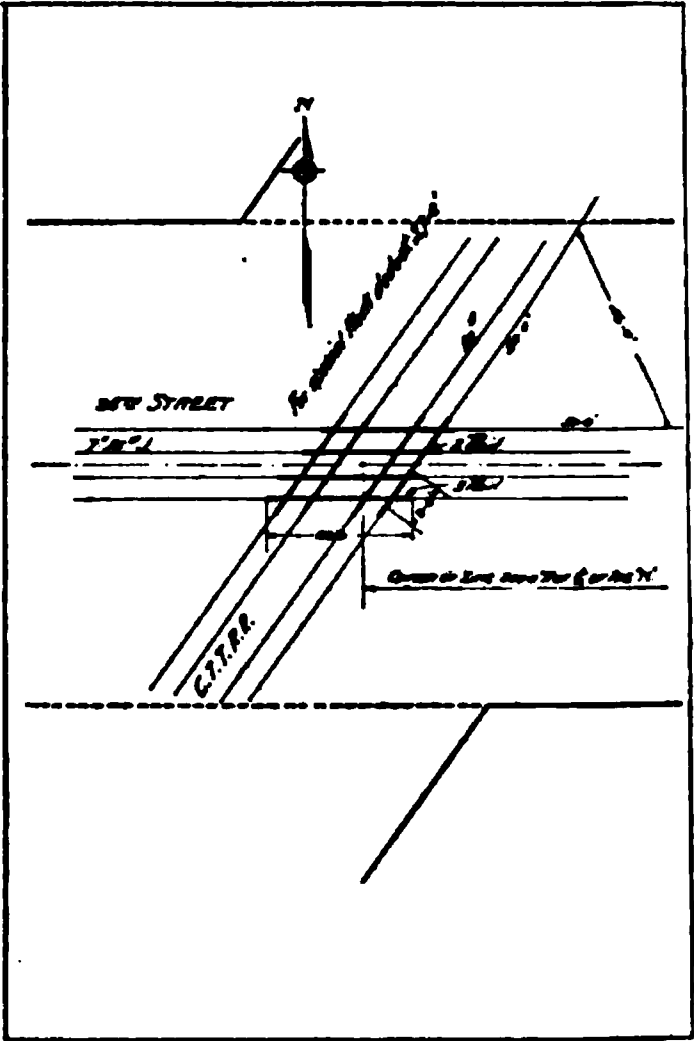
Layout No. 78.  
South Chicago Ave. near Erie Ave.



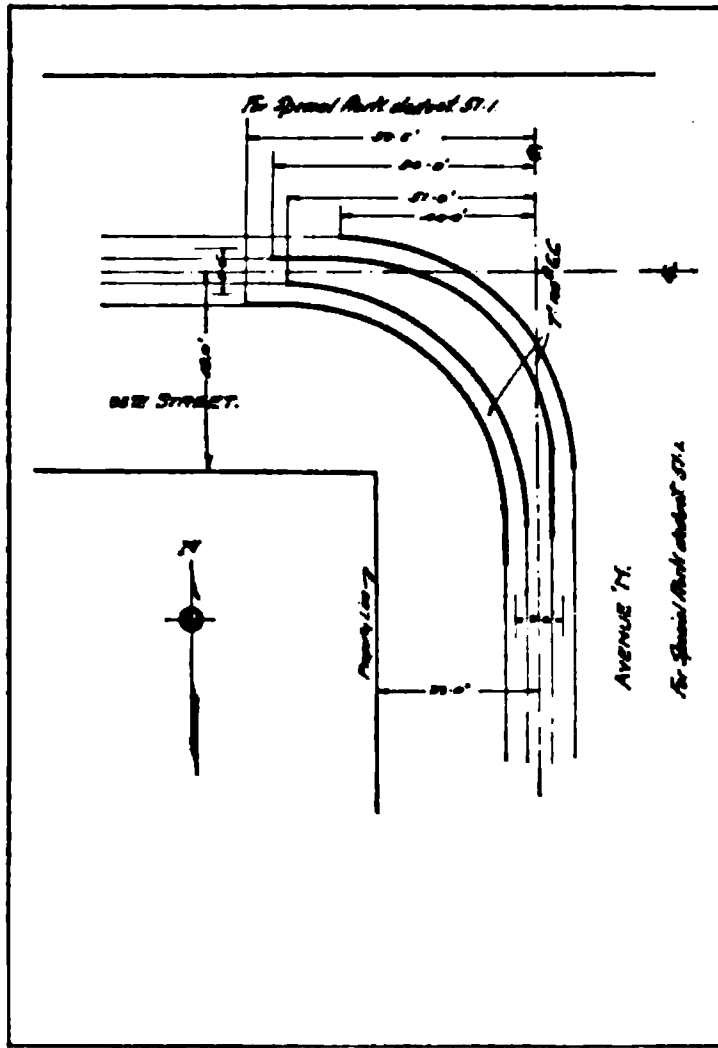
Layout No. 79.  
South Chicago Ave. near Erie Ave.



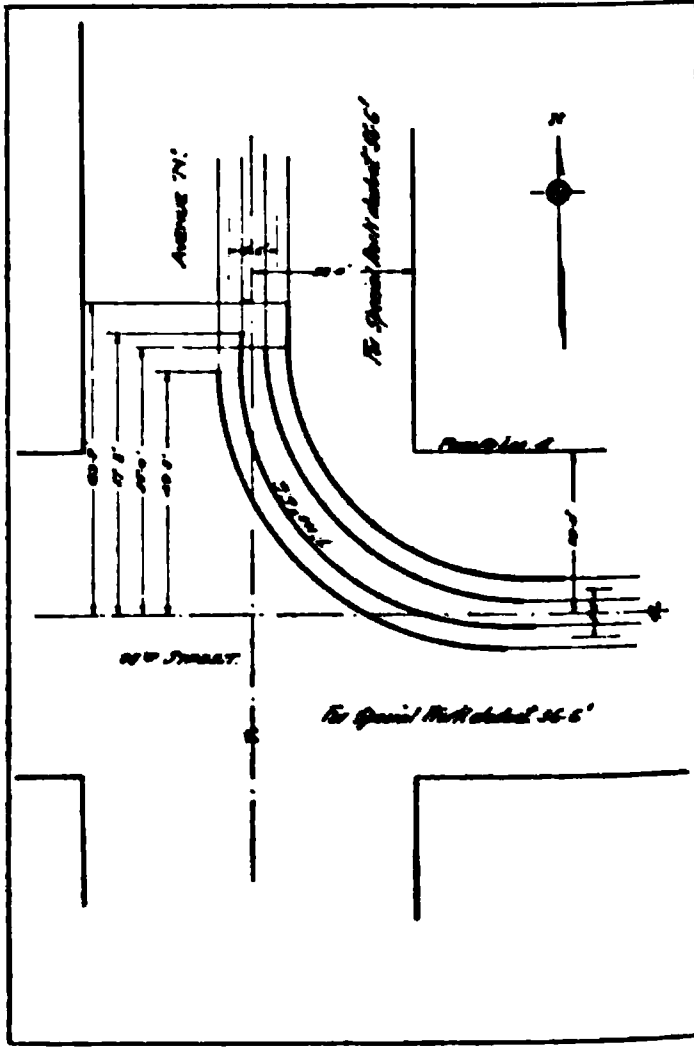
Layout No. 80.  
South Chicago Ave. and 95th St.



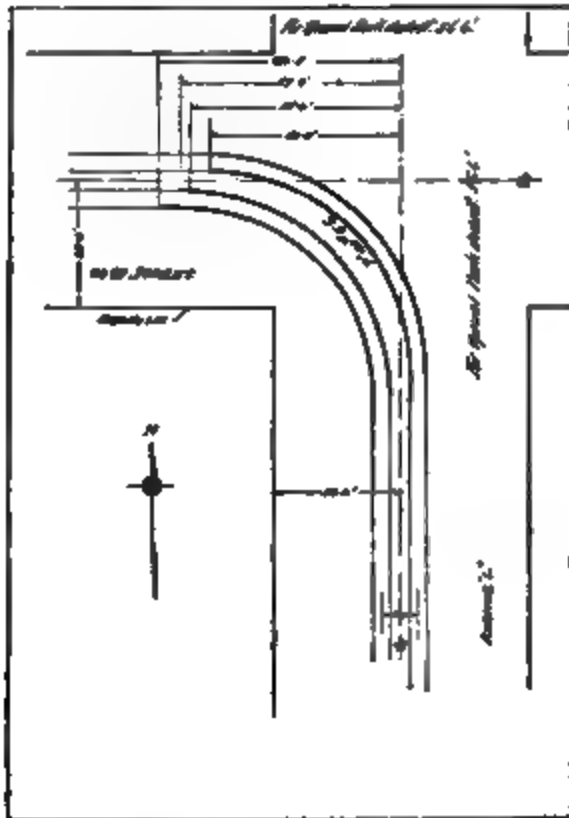
Layout No. 81.  
95th St. and C. T. T. R. R.



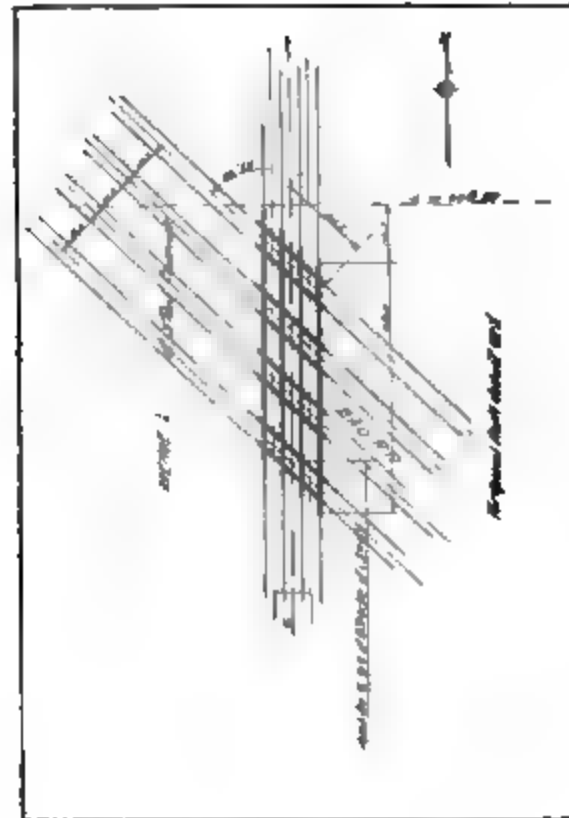
Layout No. 82.  
95th St. and Avenue N.



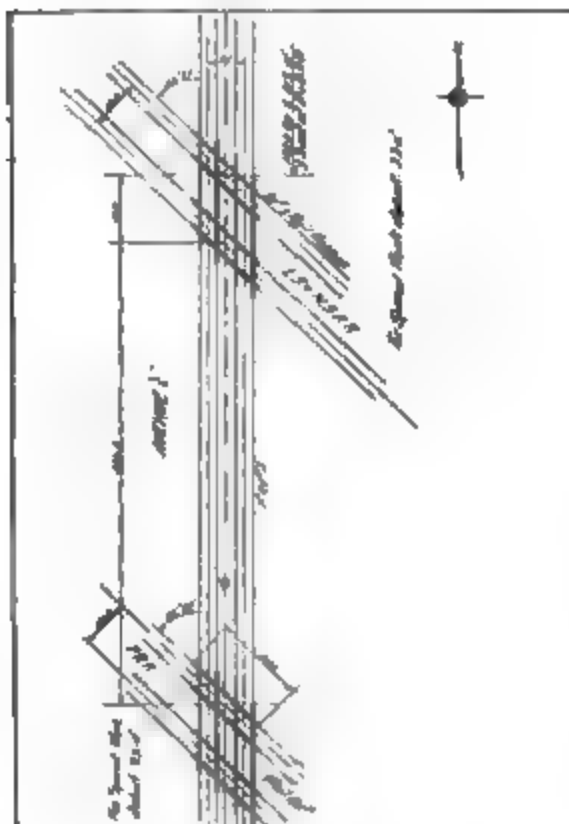
Layout No. 83.  
98th St. and Avenue N.



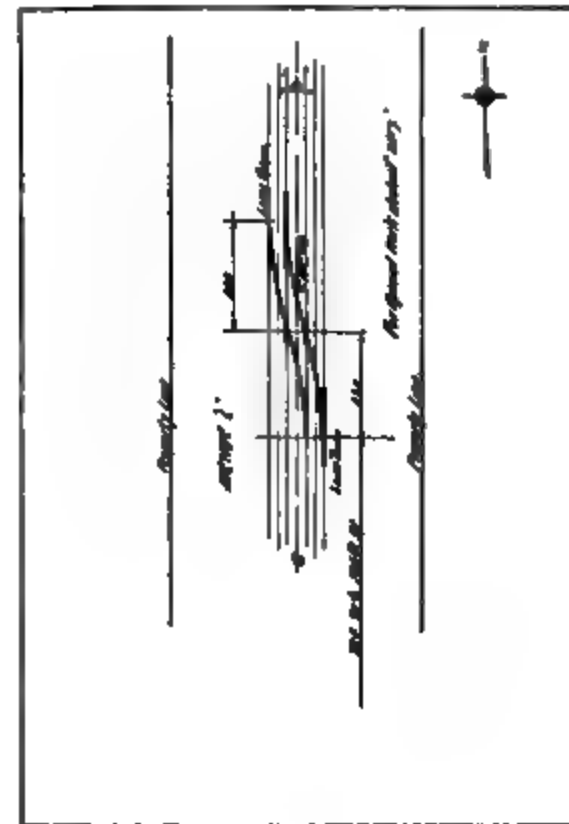
Layout No. 84.  
98th St. and Avenue L.



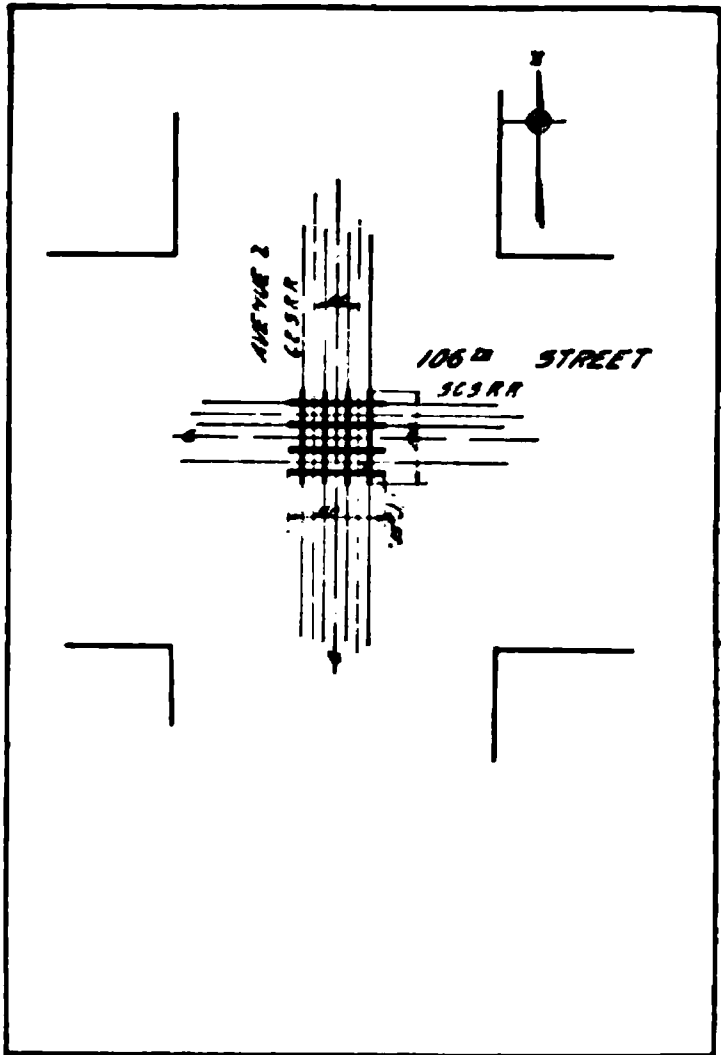
Layout No. 85.  
Ave. L and B. & O. R. R.



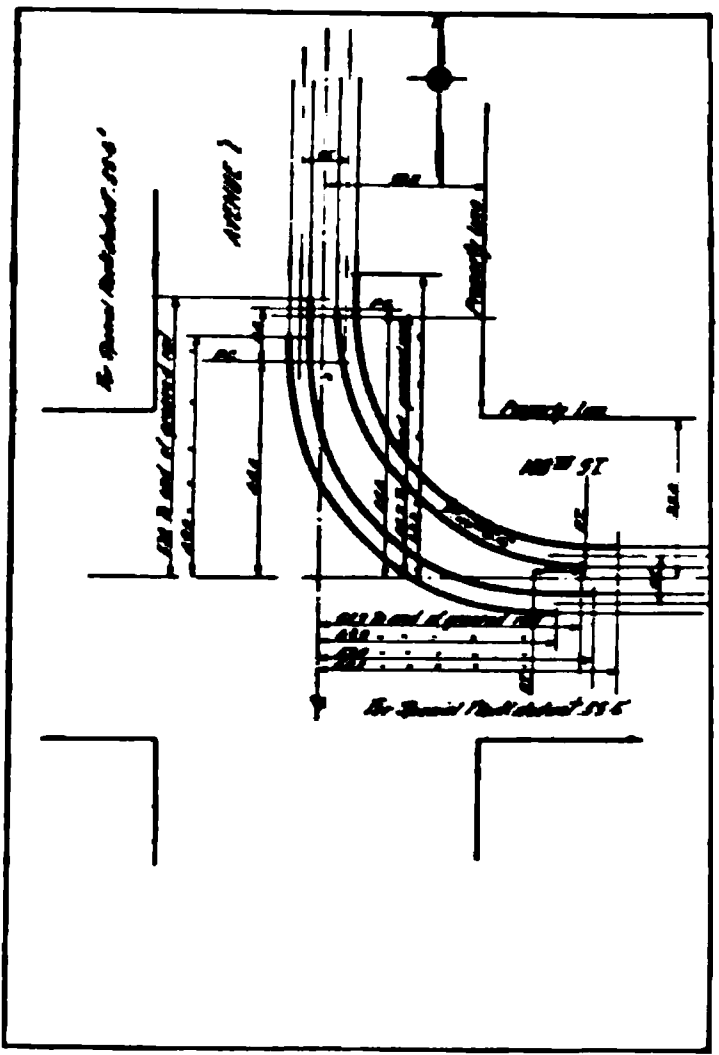
Layout No. 86.  
Ave. L and L. S. & M. S. R. R.  
and P. R. R.



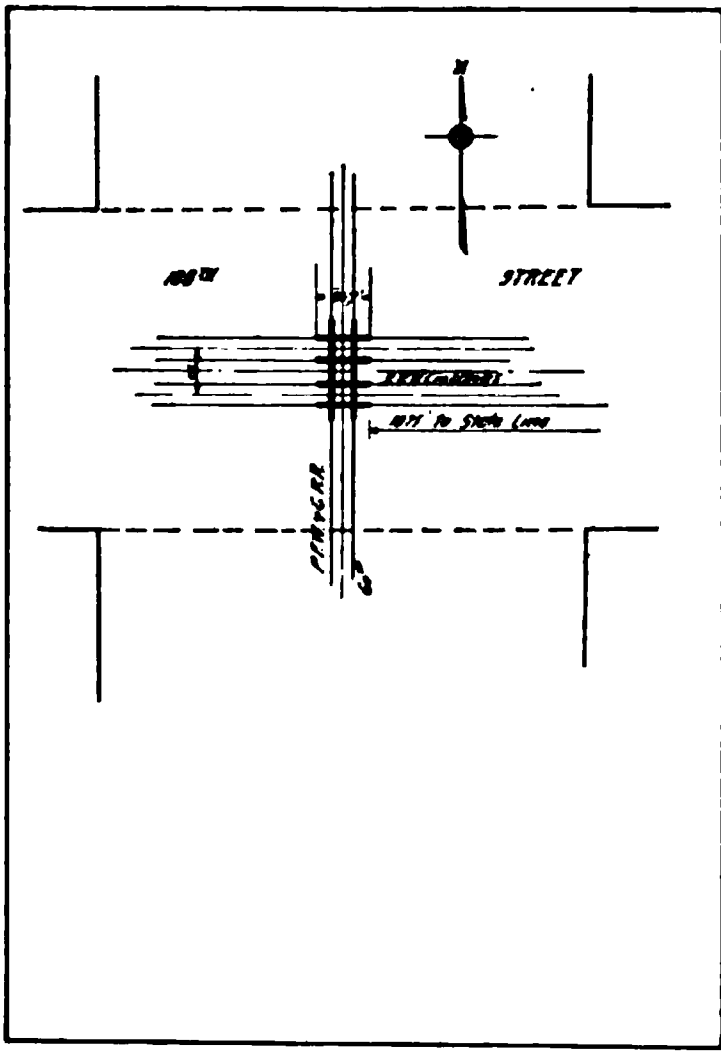
Layout No. 87.  
Avenue L near 106th St.



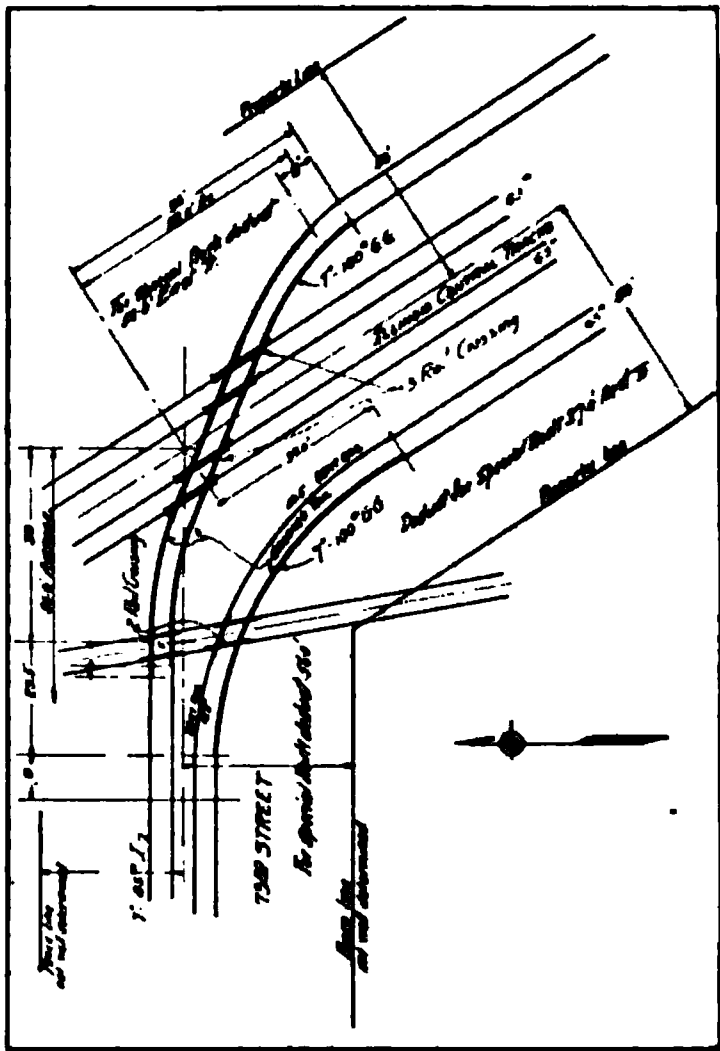
Layout No. 88.  
Avenue L and 106th St.



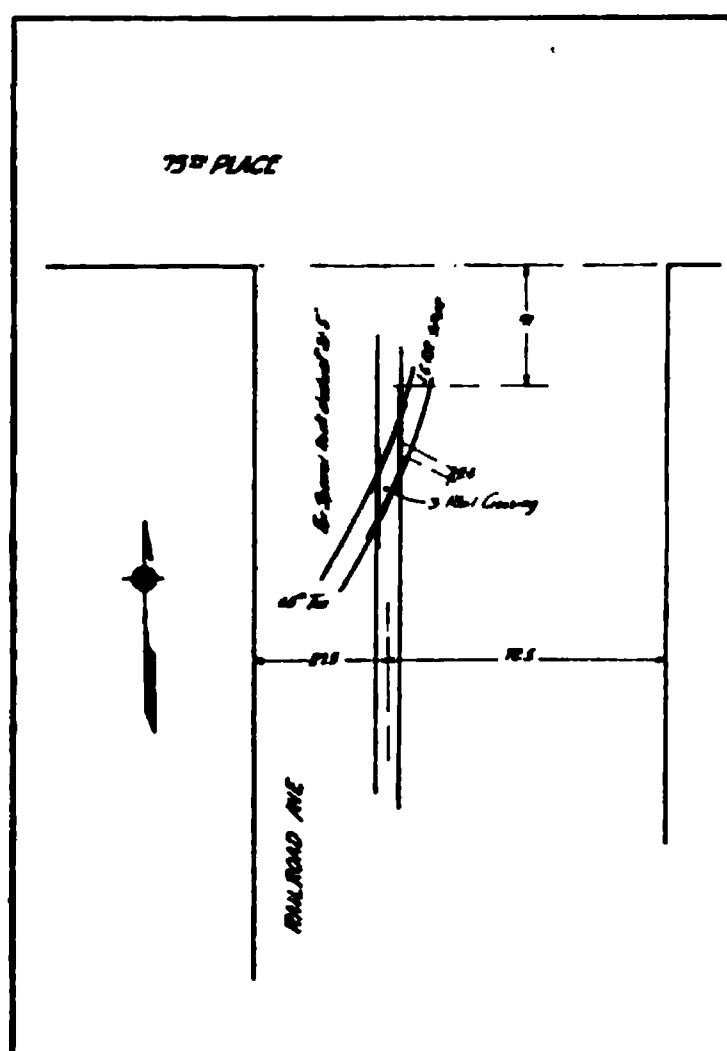
Layout No. 89.  
Ave. L and 108th St.



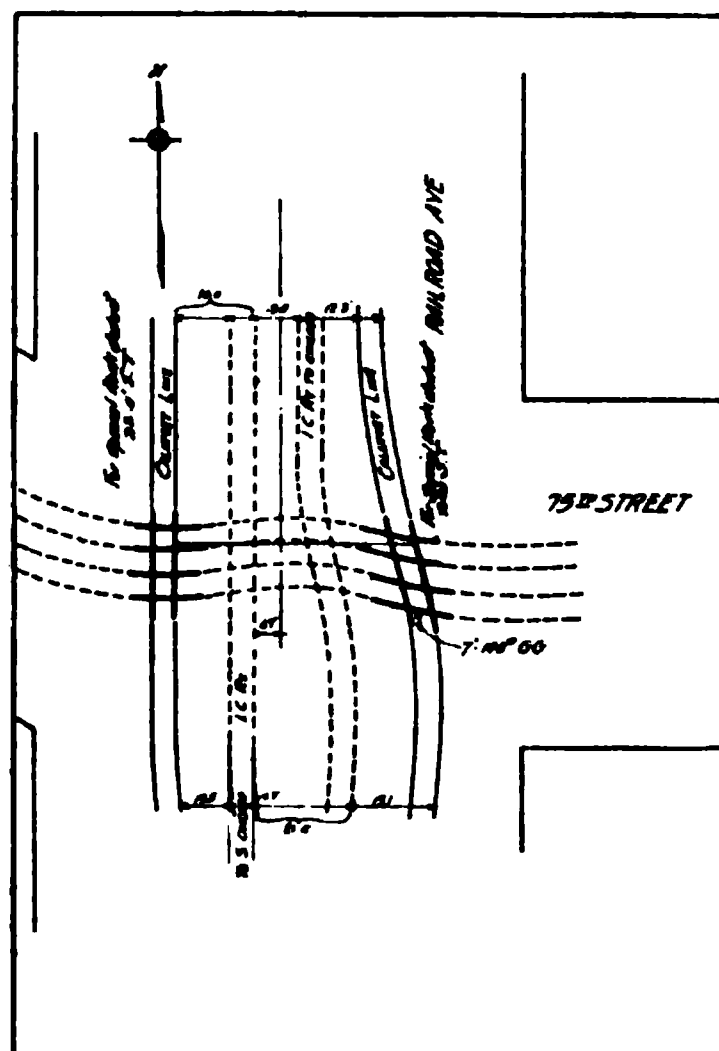
Layout No. 90.  
108th St. and P. R. R.



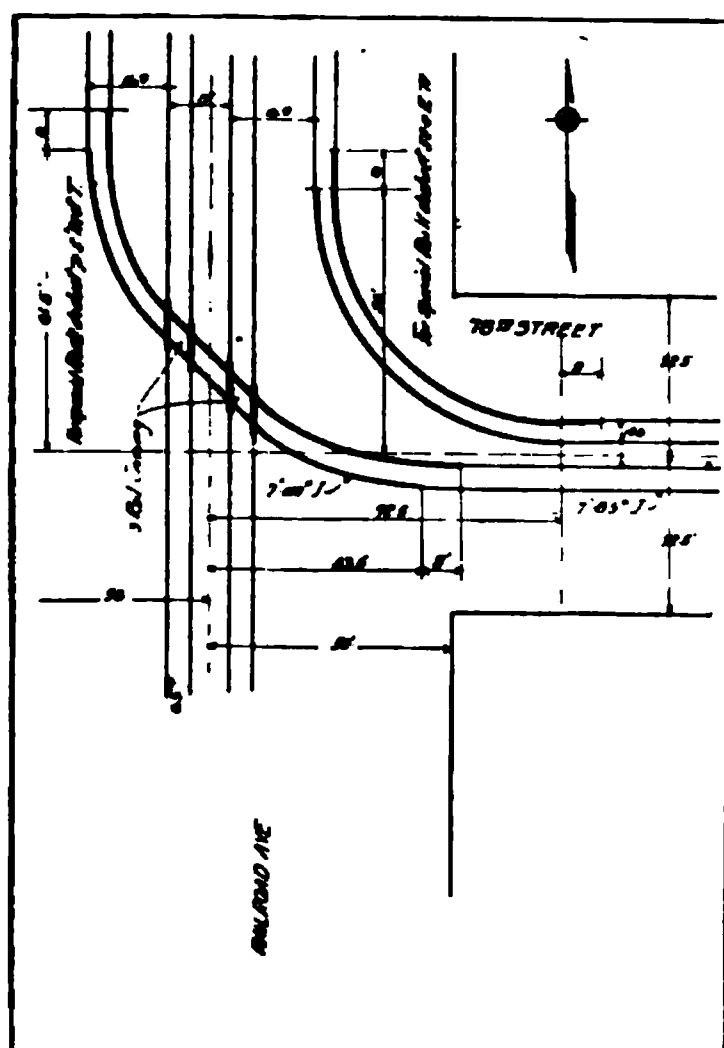
Layout No. 91.  
Railroad Ave. and 73rd St.



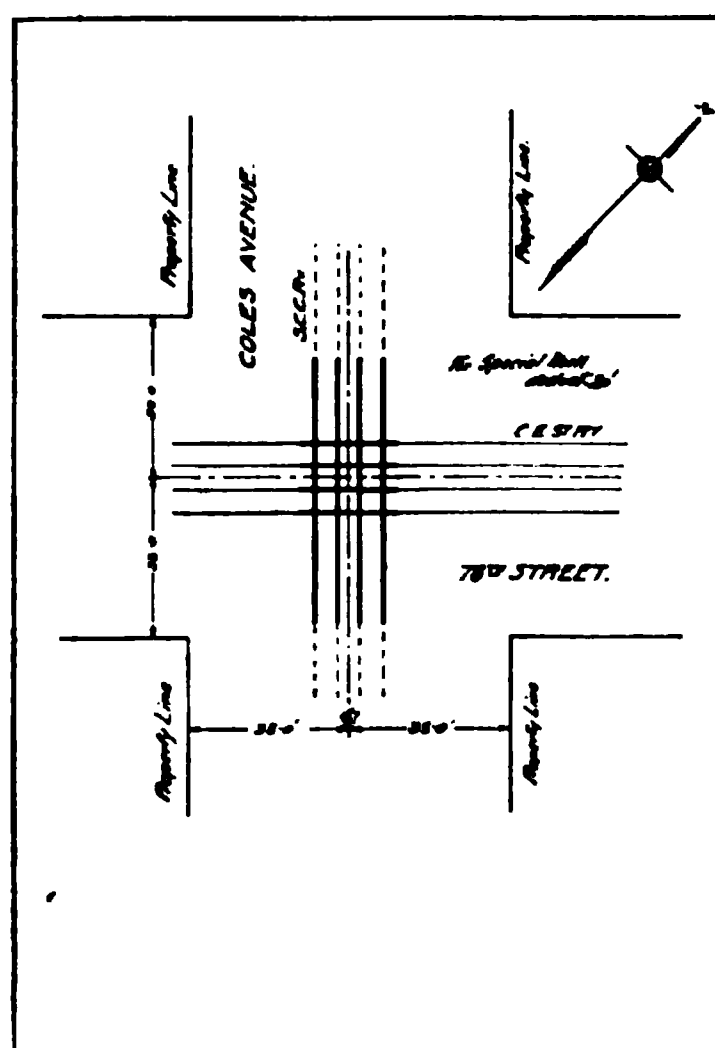
Layout No. 92.  
Railroad Ave. near 75th Place.



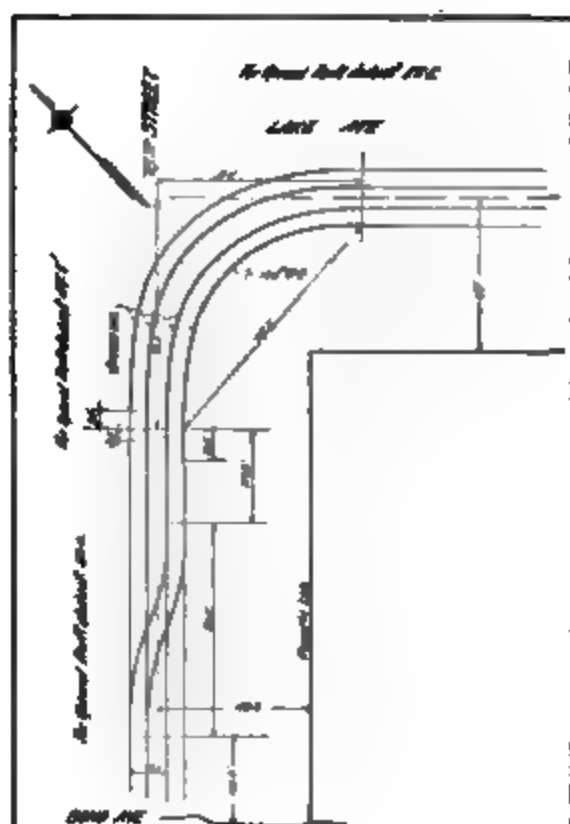
Layout No. 93.  
Railroad Ave. and 75th St.



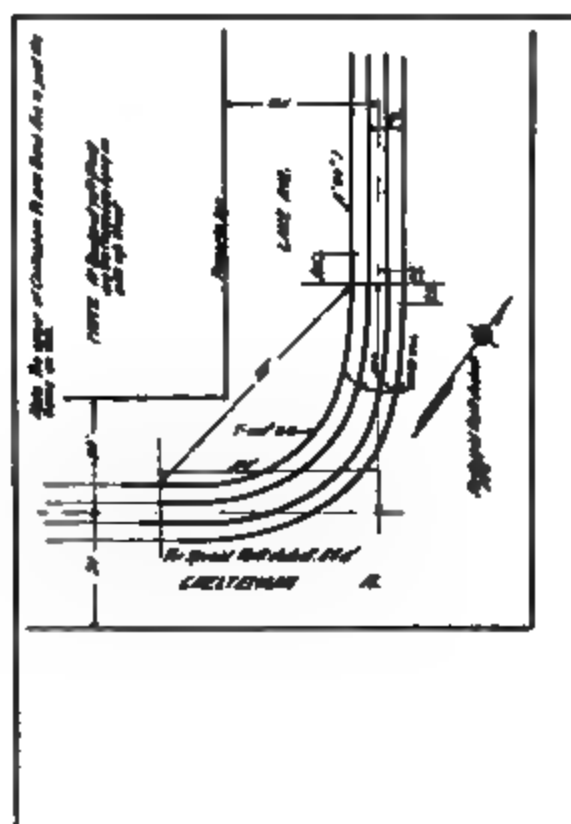
Layout No. 94.  
Railroad Ave. and 78th St.



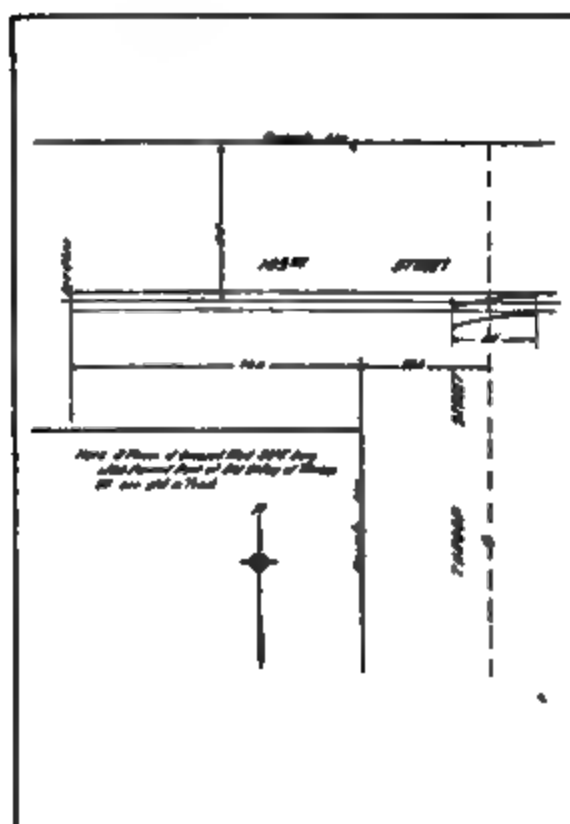
Layout No. 95.  
Coles Ave. and 78th St.



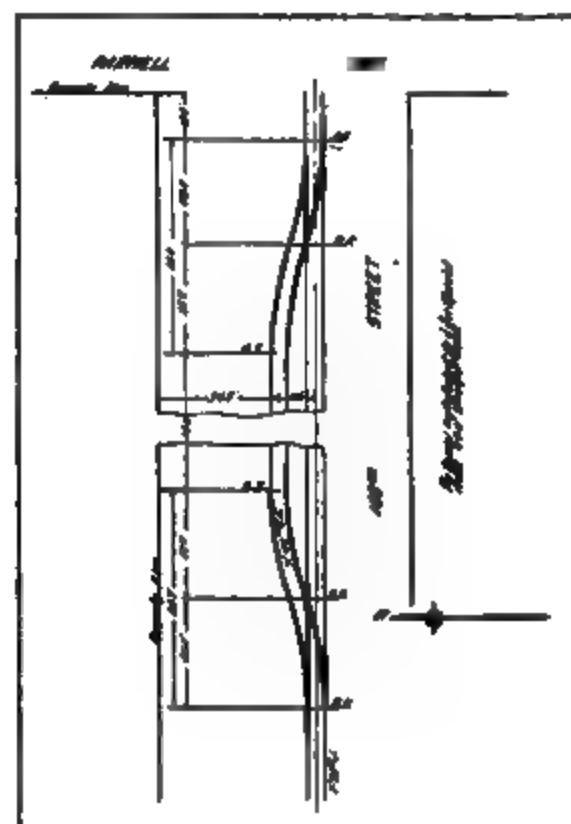
Layout No. 98.  
Lake Ave. and 78th St.



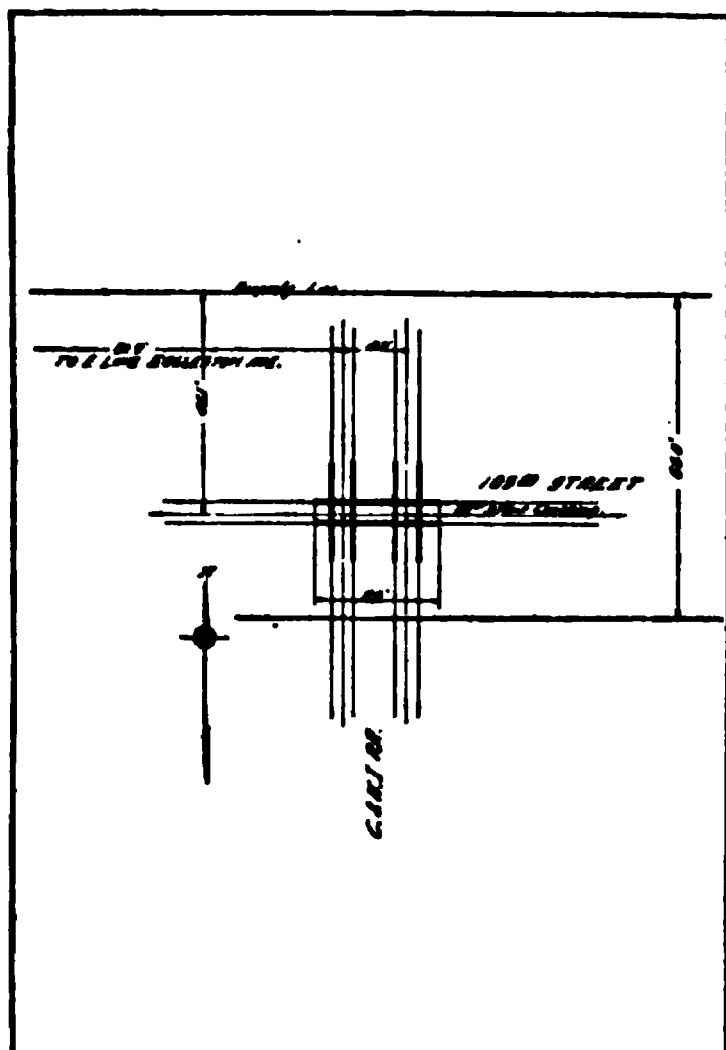
**Layout No. 97.**  
**Lake Ave. and Cheltenham Pl.**



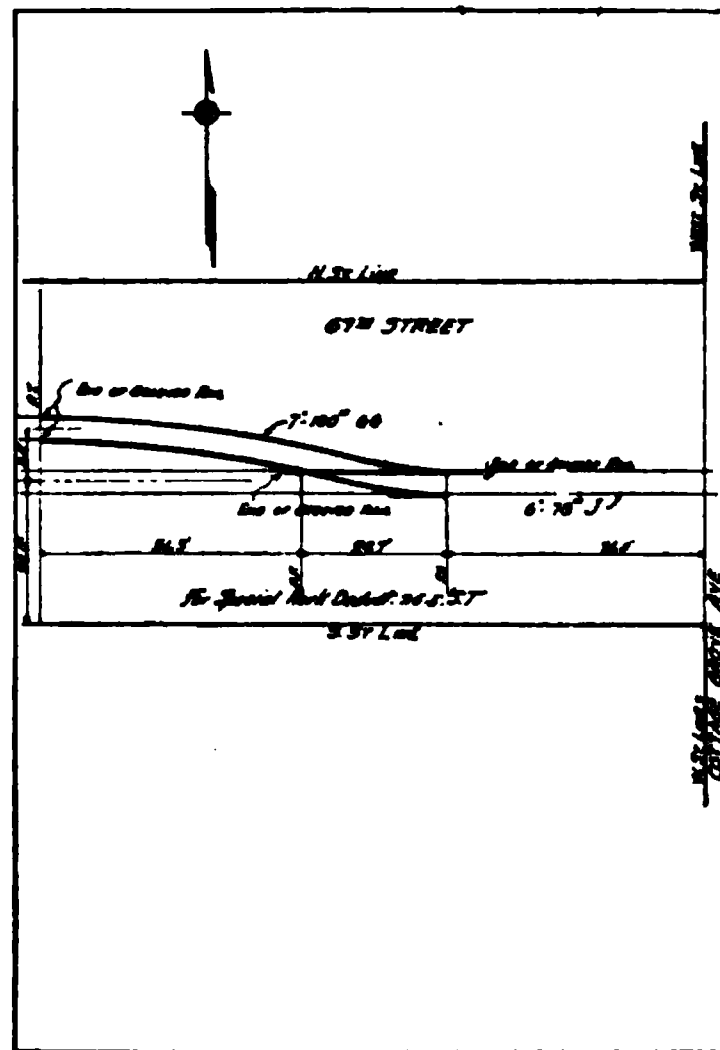
Layout No. 98.  
103rd St. and Throop St.



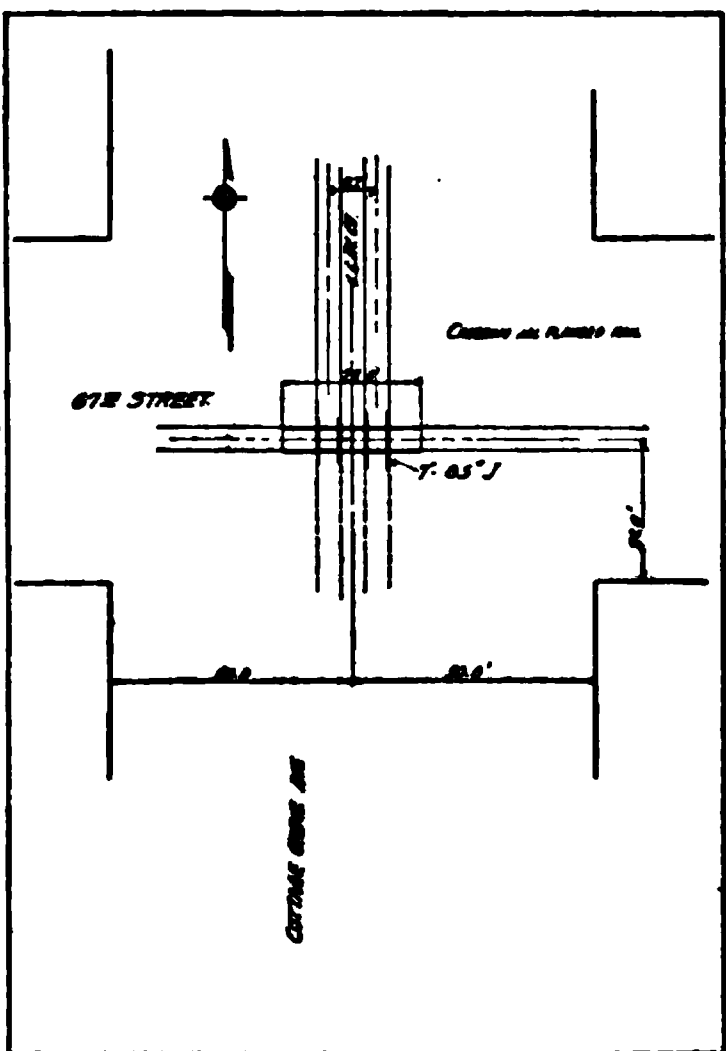
Layout No. 99.  
103rd St. and Parnell Ave.



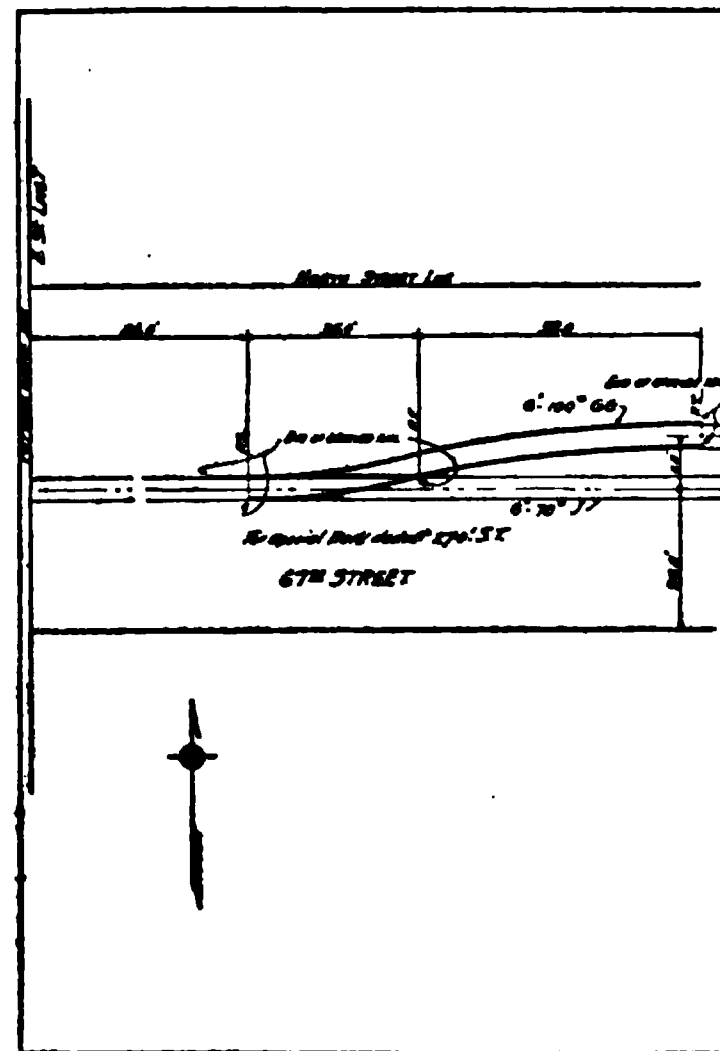
Layout No. 100.  
103rd St. near Eggleston Ave.



Layout No. 101.  
67th St. near Cottage Grove Ave.



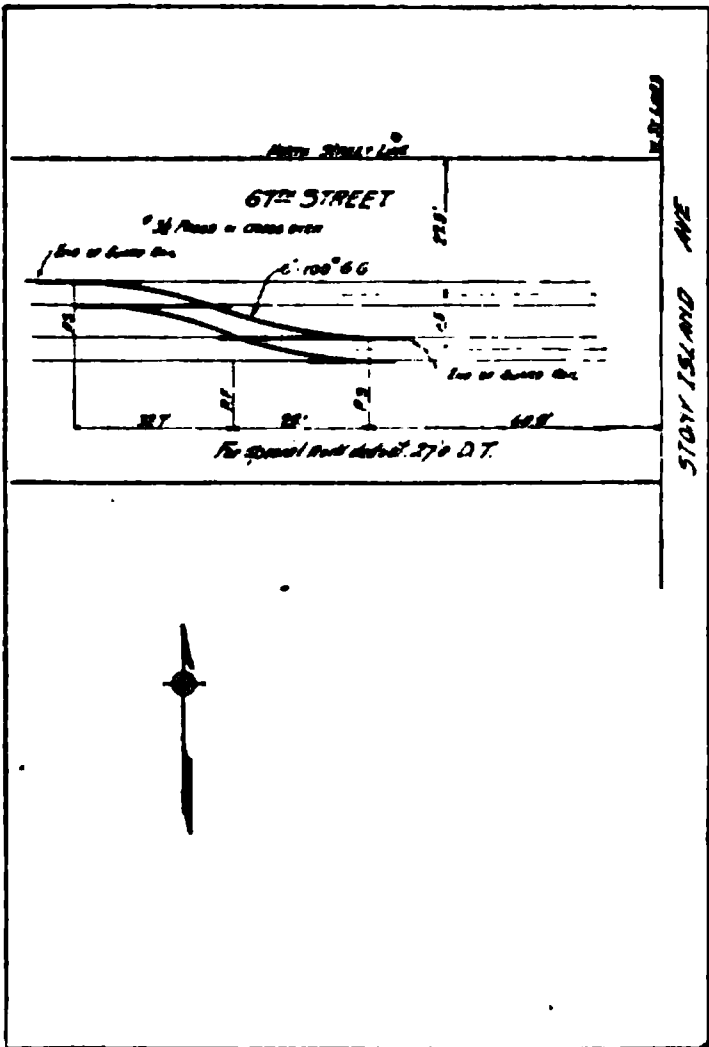
Layout No. 102  
67th St. and Cottage Grove Ave.



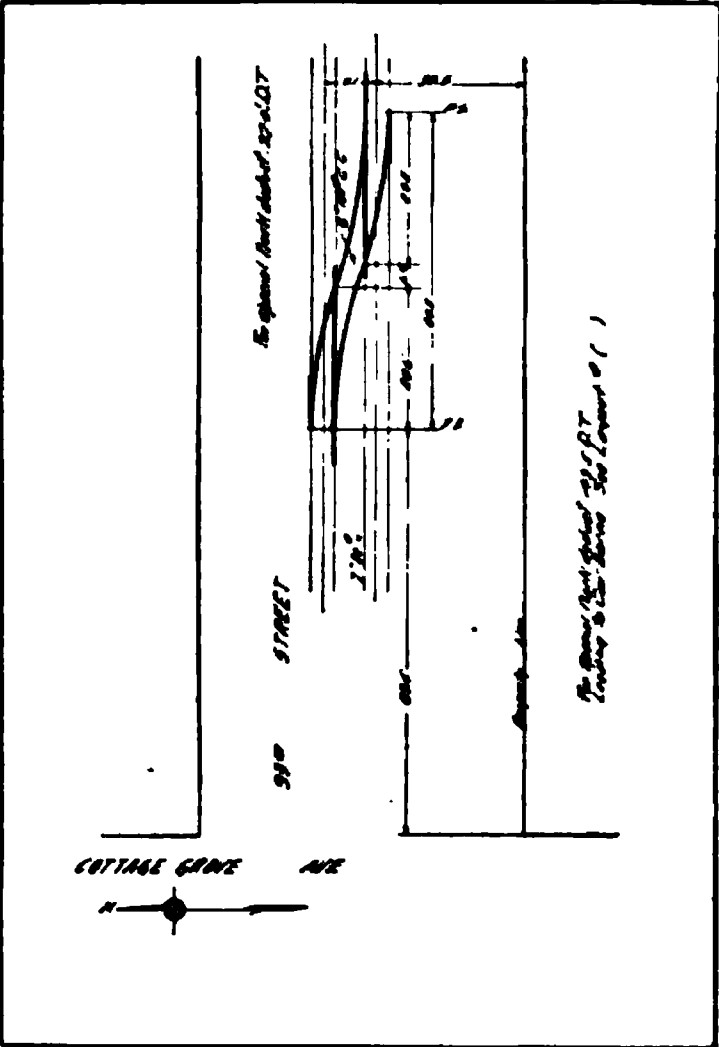
Layout No. 103.  
67th St. near Cottage Grove Ave.



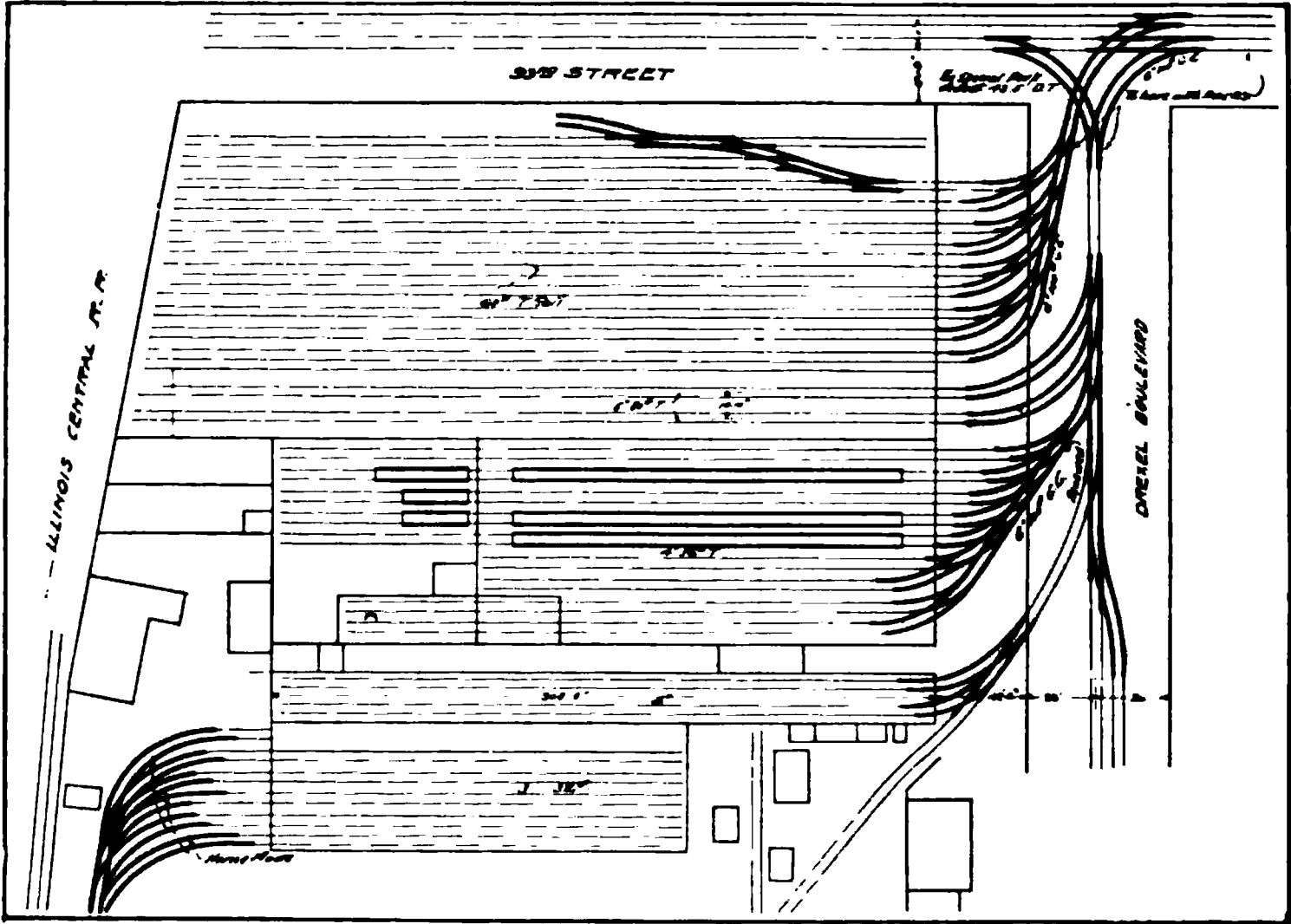
120 VALUATION—CALUMET ELECTRIC STREET RAILWAY.



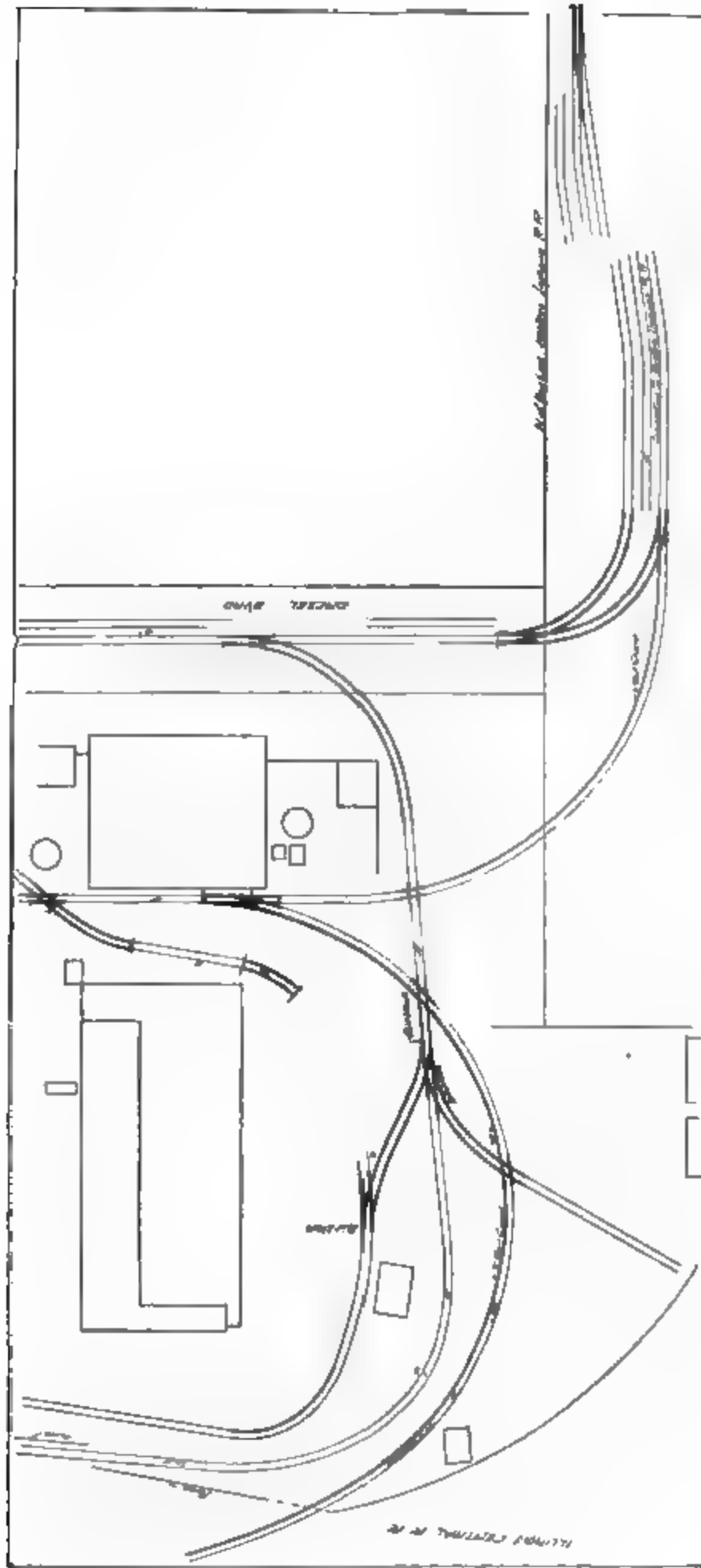
Layout No. 104.  
67th St. near Stony Island Ave.



Layout No. 105.  
93rd St. near Cottage Grove Ave.

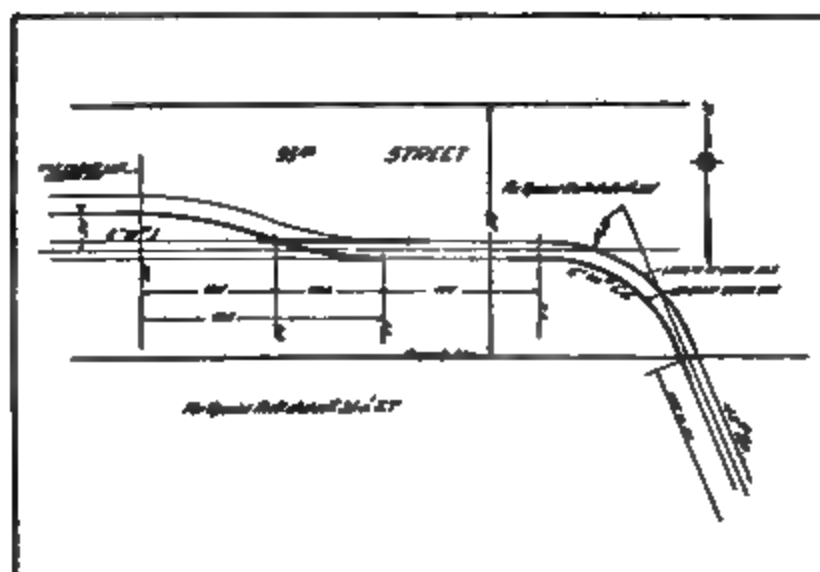


Layout No. 106A. Car Barns on Drexel Boulevard.

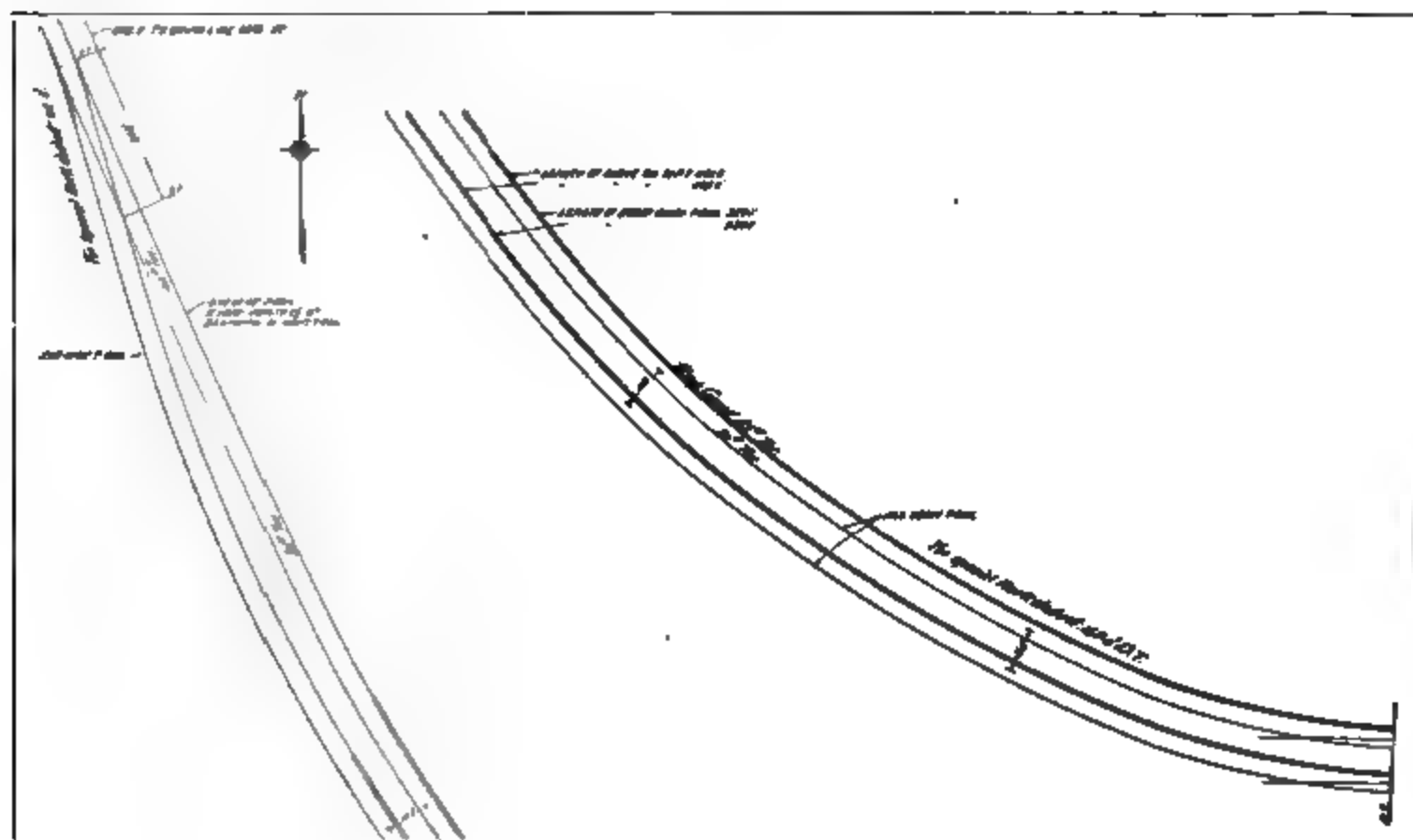


Layout No. 104B. Drexel Boulevard and Connections to C. & W. I. R. R.

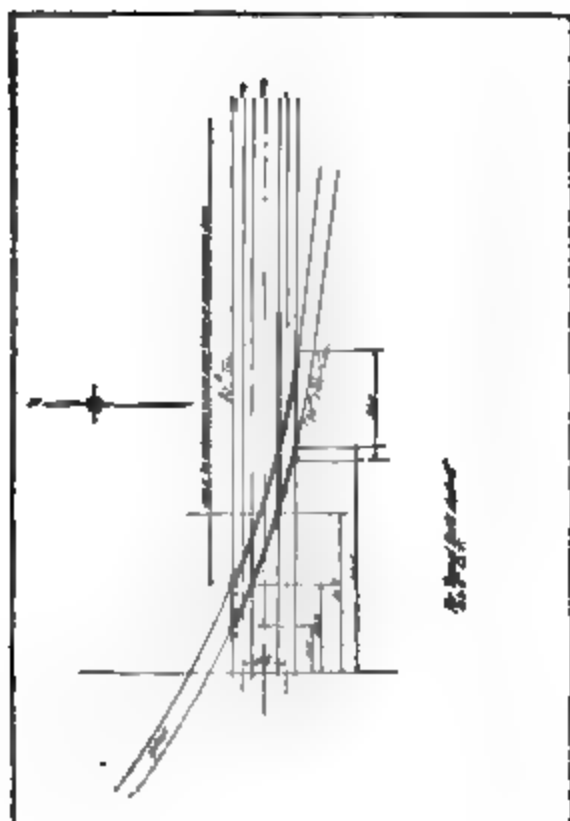
**122 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**



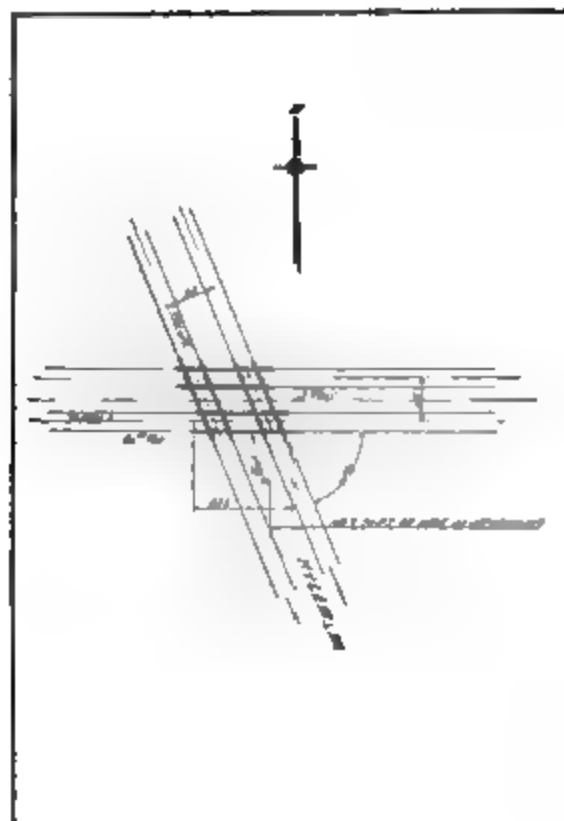
**Layout No. 107. 93rd St. and N. Y. C. & St. L. R. R.**



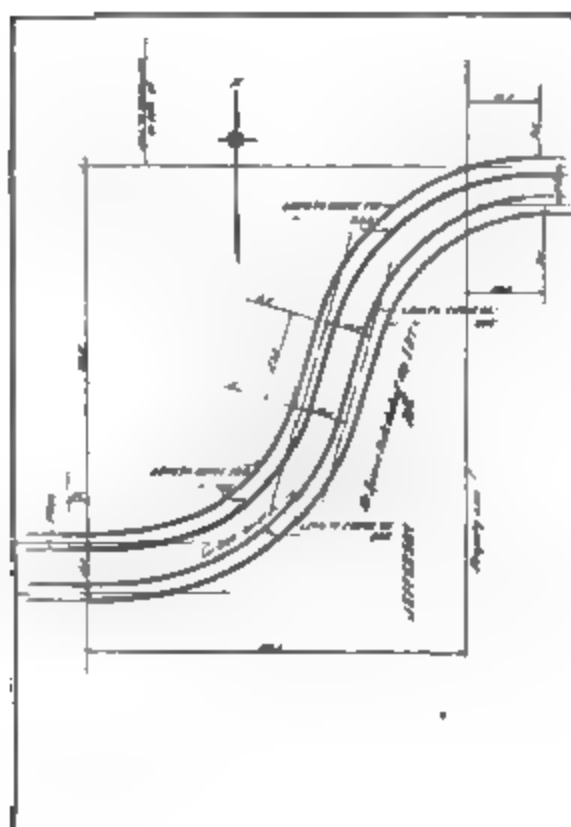
**Layout No. 108. 93rd St. and N. Y. C. & St. L. R. R. Shops.**



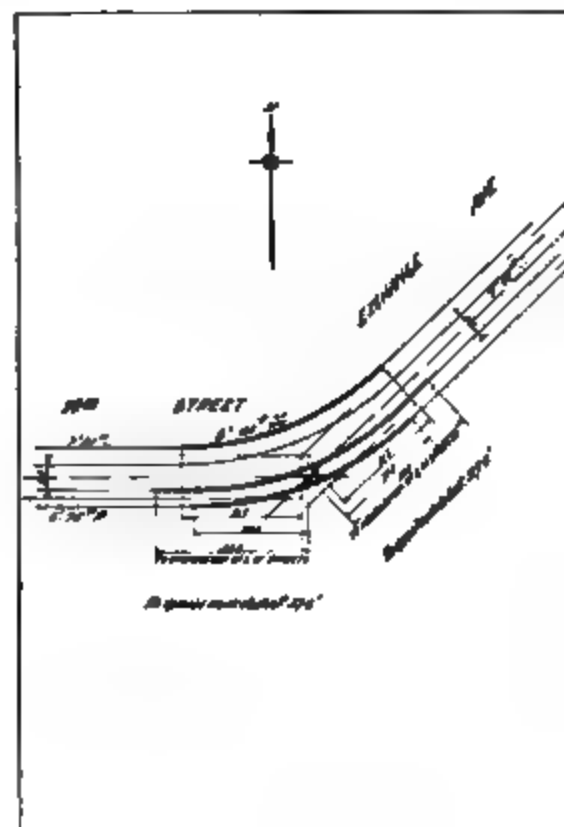
Layout No. 109.  
N. Y. C. & St. L. R. R. Shops.



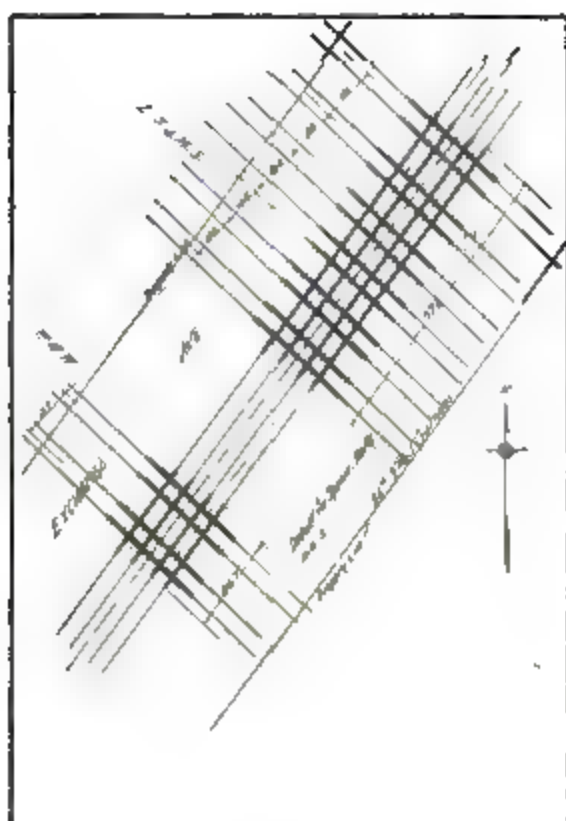
Layout No. 110.  
N. Y. C. & St. L. R. R. Crossing.



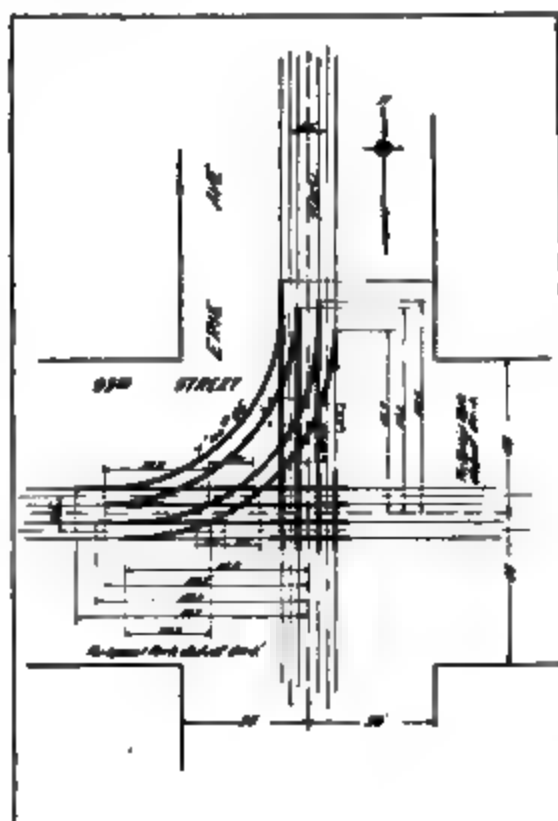
Layout No. 111.  
Jefferson Ave. near 94th St.



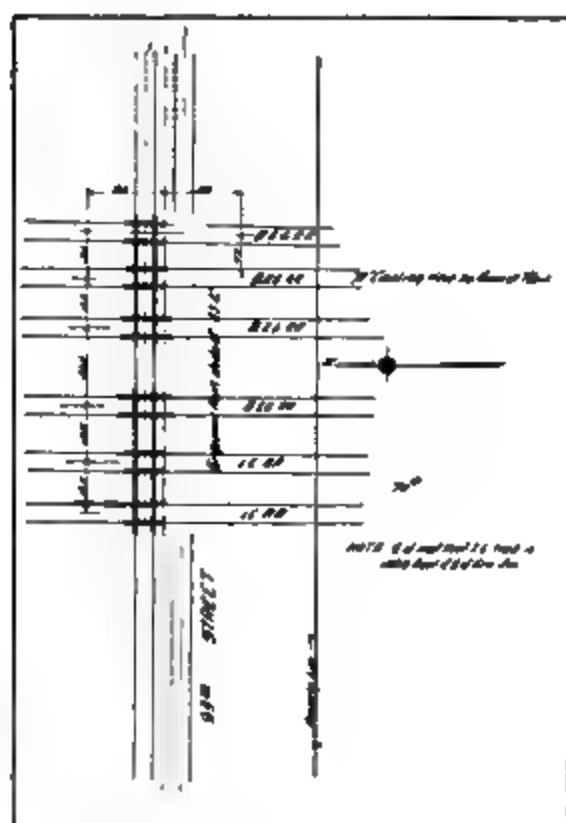
Layout No. 112.  
93rd St. and Exchange Ave.



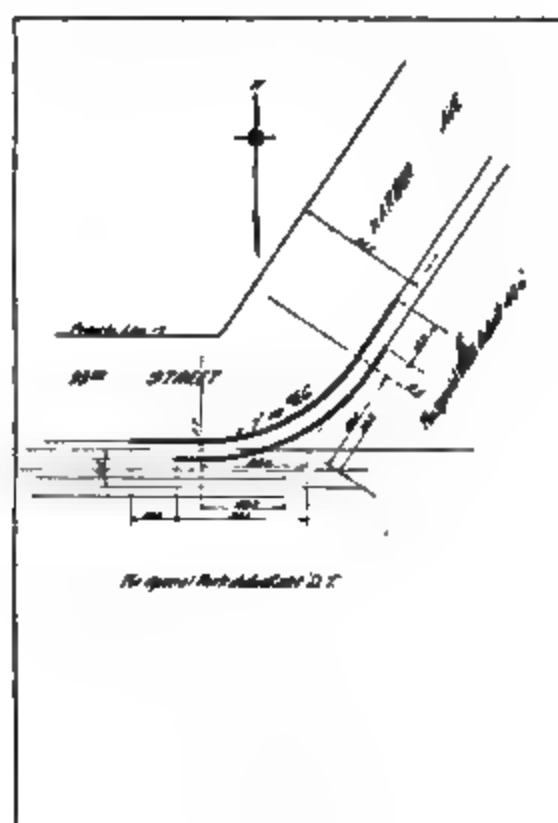
Layout No. 113.  
Exchange Ave. and L. S. & M. S.  
R. R. Crossing.



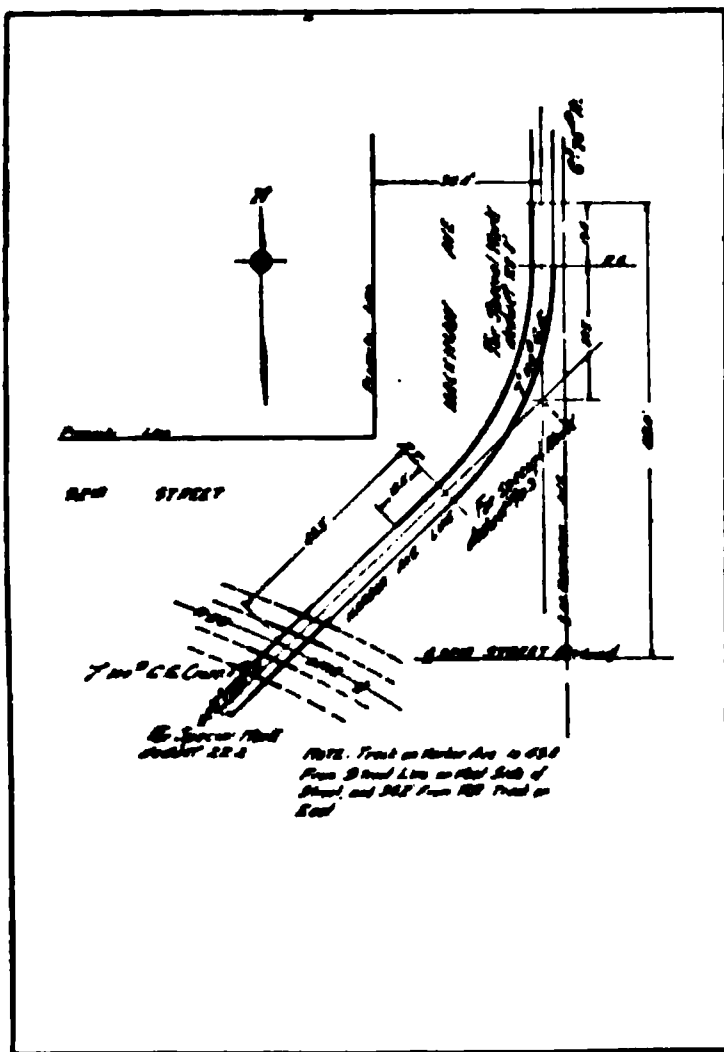
Layout No. 114.  
93rd St. and Erie Ave.



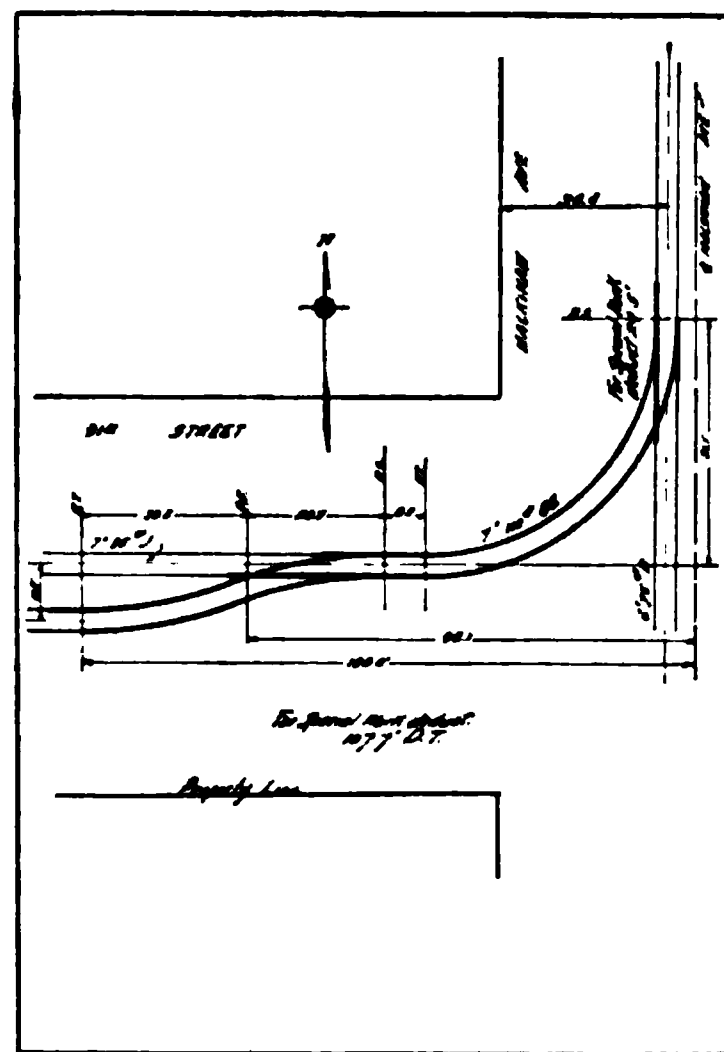
Layout No. 115.  
93rd St. and B. & O. R. R. Cross-  
ing.



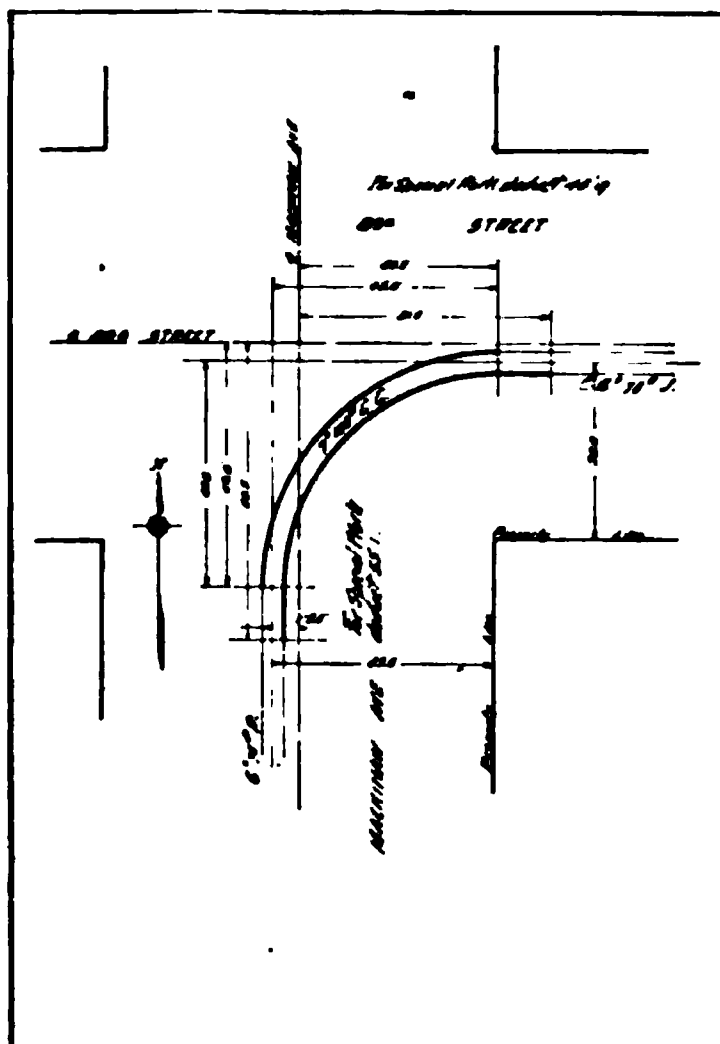
Layout No. 116.  
93rd St. and Harbor Ave.



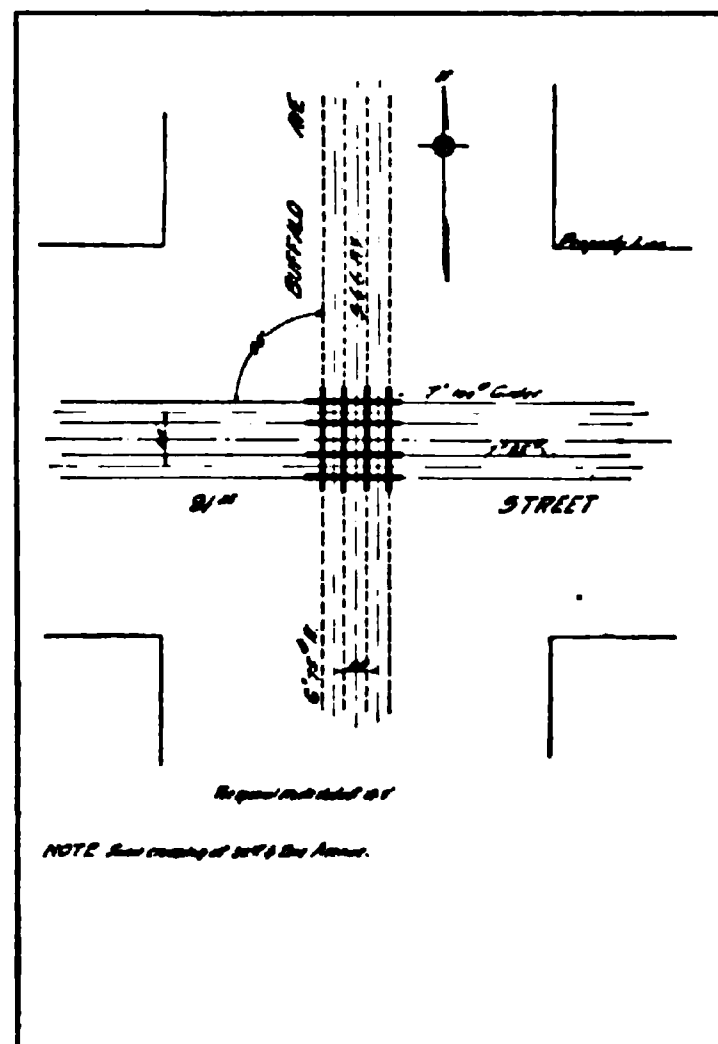
Layout No. 117.  
92nd St. and Mackinaw Ave.



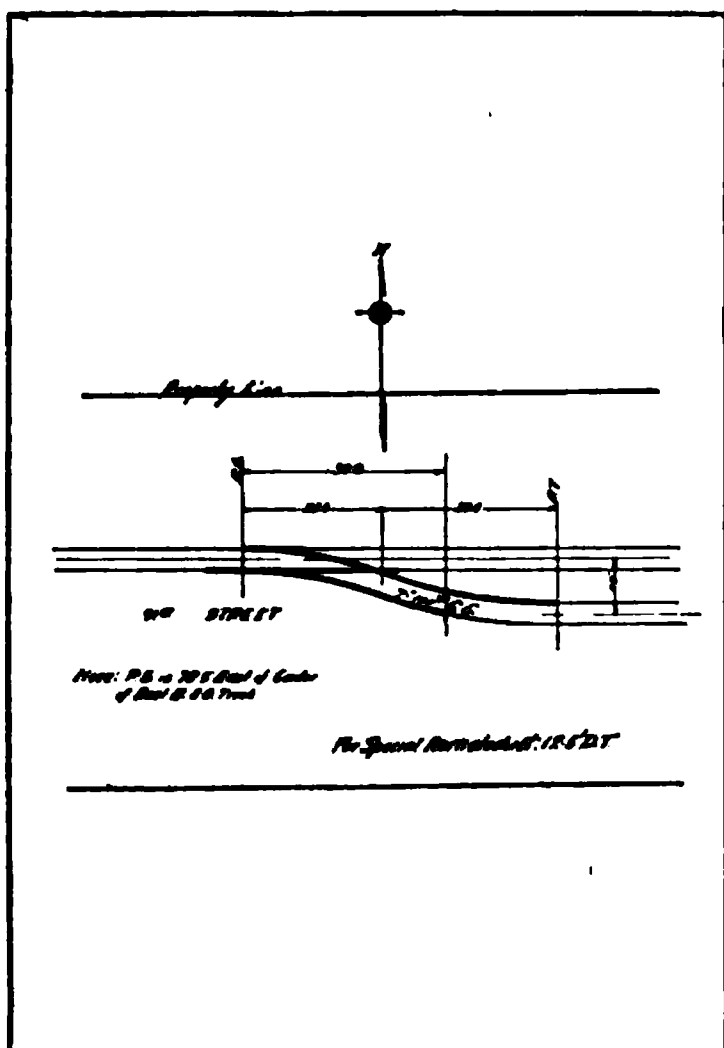
Layout No. 118.  
91st St. and Mackinaw Ave.



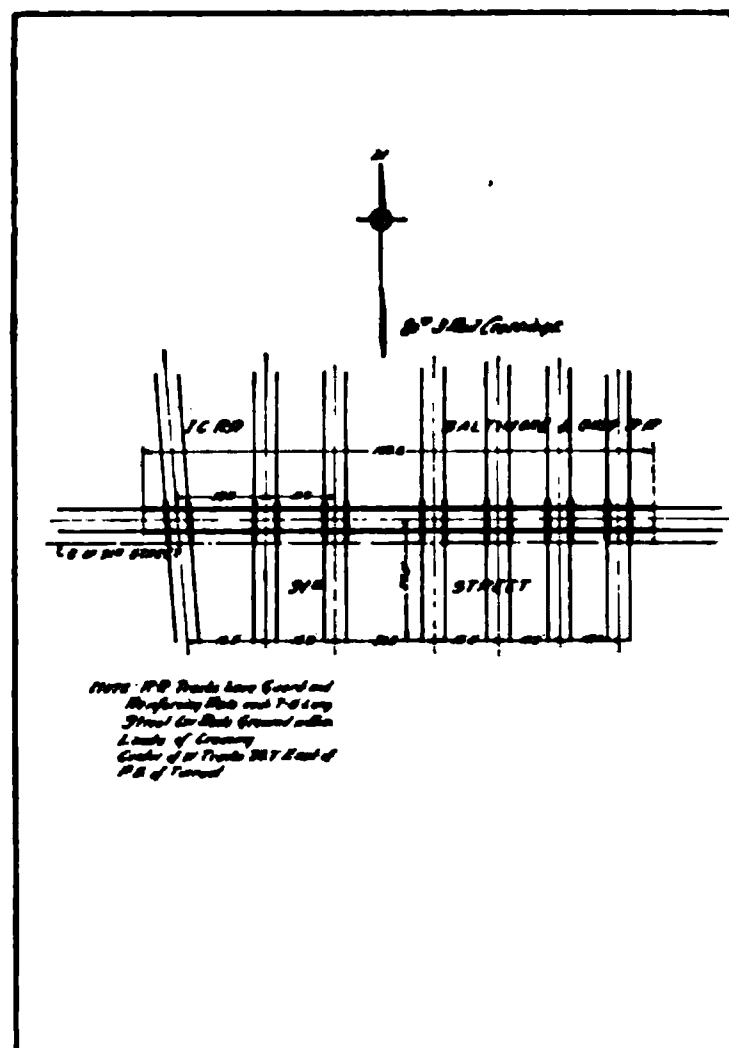
Layout No. 119.  
89th St. and Mackinaw Ave.



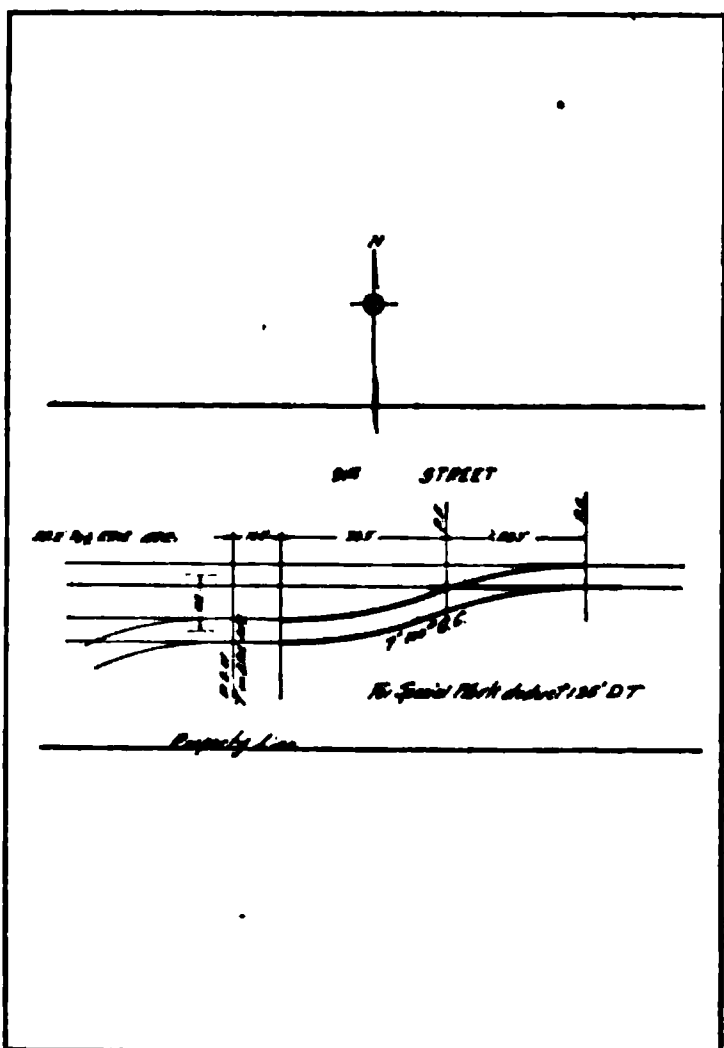
Layout No. 120.  
91st St. and Buffalo Ave.



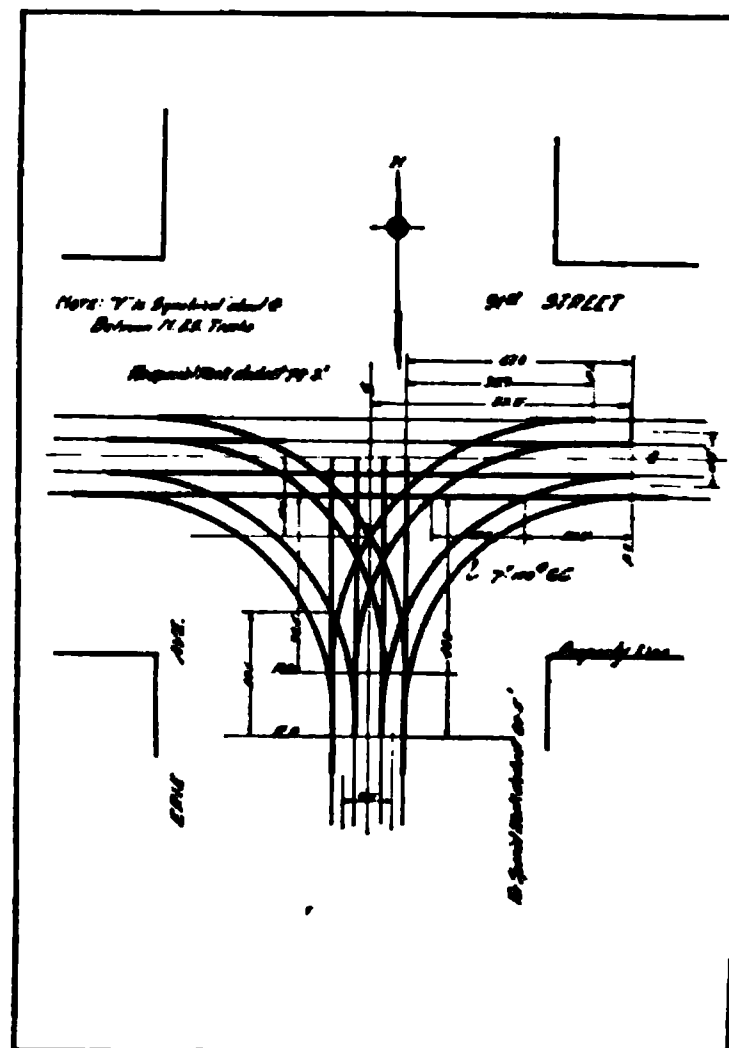
Layout No. 121.  
91st St. near B. & O. R. R. Cross-  
ing.



Layout No. 122.  
91st St. and B. & O. R. R. Cross-  
ing.



Layout No. 123.  
91st St. near Erie Ave.



Layout No. 124.  
91st St. and Erie Ave.

SECTION 1-C.  
TRACK ON BRIDGES

Location.	Ft. of Single Electric Track.	Class.	When Built.	% Depre- ciation.	Cost New Per Mile.	Miles.	Total Cost New	Present Value Per Mile.	Present Value.
95th St. Bridge.....	430	E-5	1903	11.55	\$18,581.00	.0814	\$1,512.59	\$16,439.52	\$1,338.18
87th & Cottage Grove Tr. ...	56	D	1893	55.6	13,281.06	.0106	140.78	7,397.52	78.41
87th & Stony Island Ave. Tr.	52	D	1893	55.6	13,281.06	.0098	130.15	7,397.52	72.50
87th & S. Chicago Ave. Tr....	48	D	1893	55.6	13,281.06	.0091	120.86	7,397.52	67.31
94th & Stony Island Ave. Tr.	96	D	1893	27.5	13,281.06	.0182	241.72	9,636.82	175.39
97th & Stony Island Ave. Tr.	66	D	(ties (renewed in 1903)	27.5	13,281.06	.0125	166.02	9,636.82	120.46
Total. ....							\$4,312.12		\$1,852.25



SECTION 1-D.  
COST OF TRESTLES EXCLUSIVE OF TRACK (RAILS and TIES).

Location	Description.	Length Ft.	Cost New.	Depre- ciation at 20%.	Present Value.
87th & Cottage Grove Ave., 3-Span Trestle (double track)		28	\$ 438.00		
87th & Stony Island Ave., Single Span Trestle (double track)		26	.278.00		
87th & Chicago Ave., Single Span Trestle (double track)		24	386.00		
94th & Stony Island Ave., 3-Span Trestle (double open track)		49	328.00		
97th & Stony Island Ave., 2-Span Trestle (double open track)		33	250.00		
			<hr/>		
			\$1,680.00		
Organization, engineering and incidentals, 15%			252.00		
			<hr/>		
Total cost new			\$1,932.00	\$386.40	\$1,545.60
Owing to renewals in many portions of above trestles since put in, an average depreciation of 20% was used.					
Culverts.			\$2,457.37		\$1,720.16
			<hr/>		
Totals for trestles and culverts			\$4,389.37		\$3,265.76

# BOX AND TILE CULVERTS UNDER TRACKS.

On	Near.	No.	Size Culvert.	Depth Excav.	Material.	Cost.	Cost, per Foot.
Cottage Grove Ave. .93rd St. . . . .		2	4 ft. x 4 ft. x 60 ft. . .	2	3 in. x 12 in. plank	\$ 223.60	\$1.86
Cottage Grove Ave. .92nd St. . . . .		1	4 ft. x 4 ft. x 40 ft.	2	3 in. x 12 in. plank	74.96	1.87
Cottage Grove Ave. .91st Pl. . . . .		2	4 ft. x 4 ft. x 40 ft.	2	3 in. x 12 in. plank	149.92	1.87
Cottage Grove Ave. .91st Pl. . . . .		1	4 ft. x 4 ft. x 40 ft.	2	3 in. x 12 in. plank	74.96	1.87
Cottage Grove Ave. .85th Pl. . . . .		1	4 ft. x 4 ft. x 40 ft.	2	3 in. x 12 in. plank	74.96	1.87
Cottage Grove Ave. .84th Pl. . . . .		1	4 ft. x 4 ft. x 40 ft.	2	3 in. x 12 in. plank	74.96	1.87
Cottage Grove Ave. .83rd St. . . . .		1	4 ft. x 4 ft. x 40 ft.	2	3 in. x 12 in. plank	74.96	1.87
Cottage Grove Ave. .81st St. . . . .		1	4 ft. x 4 ft. x 40 ft.	2	3 in. x 12 in. plank	74.96	1.87
93rd St. . . . . Drexel Ave. . . . .		2	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	92.68	1.45
93rd St. . . . . Greenwood Ave. . . .		1	24 in. x 32 in.	2	24 in. Tile	43.27	1.35
93rd St. . . . . Lexington Ave. . . . .		1	2 ft. x 2 ft. x 32 ft.	2	3 in. x 12 in. plank	30.00	.936
93rd St. . . . . Woodlawn Ave. . . . .		1	2 ft. x 2 ft. x 32 ft.	2	3 in. x 12 in. plank	30.00	.936
93rd St. . . . . Kimbark Ave. . . . .		1	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	46.34	1.45
93rd St. . . . . Jeffery Ave. . . . .		1	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	46.34	1.45
93rd St. . . . . Paxton Ave. . . . .		1	2 ft. x 2 ft. x 32 ft.	2	3 in. x 12 in. plank	30.00	.936
93rd St. . . . . Yates Ave. . . . .		1	1 ft. x 1 ft. x 32 ft.	2	3 in. x 12 in. plank	14.96	.468
93rd St. . . . . Torrence Ave. . . . .		1	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	46.34	1.45
93rd St. . . . . Muskegon Ave. . . . .		1	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	46.34	1.45
93rd St. . . . . Manistee Ave. . . . .		1	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	46.34	1.45
93rd St. . . . . Anthony Ave. . . . .		1	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	46.34	1.45
Michigan Ave. . . . . 120th St. . . . .		1	4 ft. x 4 ft. x 16 ft.	2	3 in. x 12 in. plank	30.00	1.88
Michigan Ave. . . . . 99th St. . . . .		2	24 in. x 32 in.	2	24 in. Tile	86.54	1.35
Stony Island Ave. . . . . 93rd St. . . . .		1	3 ft. x 3 ft. x 32 ft.	2	3 in. x 12 in. plank	46.34	1.45
Stony Island Ave. . . . . 95th St. . . . .		1	4 ft. x 4 ft. x 80 ft.	2	3 in. x 12 in. plank	150.05	1.88
Stony Island Ave. . . . . 98th St. . . . .		2	24 in. x 24 in.	2	24 in. Tile	65.40	1.37
Stony Island Ave. . . . . 103rd St. . . . .		4	18 in. x 26 in.	2	24 in. Tile	97.68	.94
Stony Island Ave. . . . . 104th St. . . . .		2	18 in. x 26 in.	2	24 in. Tile	48.84	.94
Stony Island Ave. . . . . 108th St. . . . .		1	18 in. x 26 in.	2	24 in. Tile	24.42	.94



**SECTION 1-E.**

**STRAIGHT TRACK IN CAR HOUSES AT BURNSIDE.**

**Inside Buildings.**

Length Feet	Description	Price	Cost	Total Cost
725	75-lb., 5-in. T-rail.....	\$1.42	\$ 1,029.50	
4,040	60-lb., 4½-in. T-rail.....	1.30	5,252.00	
4,153	56-lb., 4 1/16 in. T-rail.....	1.23	5,108.20	
Total inside buildings.....			\$11,389.70	\$11,389.70

**Outside Buildings.**

3,732	56-lb., 4 1/16-in. T-rail.....	\$1.23	\$ 4,590.00	
600	56-lb., 4 1/16-in. T-rail, with one guard rail.....	1.55	930.00	
Total outside buildings.....			\$ 5,520.00	5,520.00

Total of straight track at Burnside.....			\$16,909.70	
Organization, engineering and incidentals, 15%.....			2,536.45	

Total cost new.....			<b>\$19,446.15</b>	
Depreciation, 30%.....			5,833.85	

Total present value.....			<b>\$13,612.30</b>	
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Note.—See Layout Nos. 106A and 106B.

ITEMIZED ESTIMATED COST OF ONE FOOT OF TRACK

STRAP RAIL

Steel @ 2c per lb. delivered.  
Screws @ 41c per gross.  
Labor @ 8c per foot.

GIRDER RAIL

Steel @ \$41.00 per long ton.  
Fittings @ \$41.00 per long ton.  
Bonding @ 75c per joint.  
Ties, hemlock @ 50c each.  
Spikes @ \$4.10 per keg.

“T” RAIL

2¾ in. T rail @ 2c per lb. delivered.  
56 lbs., 60 lb. and 75 lb. rail @ \$31.00 per long ton.  
Splice bars @ \$41.00 per long ton.  
Spikes for 2¾ in. rail @ \$4.10 per keg of 600.  
Spikes for other rail @ \$4.10 per keg of 375.  
Bolts and nuts @ 5c per lb.  
Ties, hemlock @ 50c each, 2 ft. centers.  
Bonding @ 75c per joint.  
Excavation @ 10c per ft. of track.  
Labor @ 10c per ft. of track.

	Strap Rail.	T-Rail.	T-Rail.	T-Rail.	Girder Rail.
Height of rail, 1 1⁄8 in. x 3 3⁄8 in.		5 in.	4 1⁄4 in.	2 3⁄4 in.	7 in.
Weight per yard	27 lb.	75 lb.	60 lb.	56 lb.	25 lb.
Cost of rails per ft. of track.	\$0.37	\$0.692	\$0.589	\$0.516	\$0.340
Wt. of two splice plates per ft. of track.		2.26 lb.	2.13 lb.	2.00 lb.	.48 lb.
Cost of two splice plates per ft. of track.		\$0.041	\$0.031	\$0.029	\$0.009
Wt. of nuts and bolts per ft. of track.		.821 lb.	.821 lb.	.821 lb.	.524 lb.
Cost of nuts and bolts per ft. of track.		\$0.011	\$0.011	\$0.011	\$0.005
Cost of bonding per ft. of track.		.05	.050	.050	.05
Cost of spikes per ft. of track.		.021	.021	.021	.013
Cost of ties per ft. of track.		.25	.25	.25	.25
Cost of excavation per ft. of track.		.10	.10	.10	.10
Cost of labor per ft. of track.	08	.15	.15	.15	.15
Cost of incidentals.		.10	.10	.10	.10
Total cost per ft. of track.	\$0.45	\$1.42	\$1.30	\$1.23	\$1.02
					\$1.78

SECTION I-F.

SPECIAL WORK IN CAR HOUSES AND YARDS AT BURN-SIDE.

Inside Buildings.

Amt.	Description	Price	Cost	Total Cost
1	Turn-out. ....	\$340.00	\$ 340.00	
1	Cross-over .....	680.00	680.00	
1	Point and mate.....	115.00	115.00	
1	Frog .....	45.00	45.00	
Total inside buildings.....			\$1,180.00	\$ 1,180.00

Outside Buildings.

5	Turn-outs .....	\$340.00	\$1,700.00	
4	Turn-outs, T-rail split switch	253.00	1,012.00	
1	90 degree crossing.....	165.00	165.00	
3	45 degree crossings.....	190.00	570.00	
400 ft.	Curved track with bar curved	2.75	1,100.00	
Total outside of buildings.....			\$4,547.00	4,547.00
28-Track car barn layout complete (see detail sheet)....				8,755.00
Total of special work at Burnside.....			\$14,482.00	
Organization, engineering and incidentals, 15%.....				2,172.30
Total cost new.....			\$16,654.30	
Depreciation, 40%.....				6,661.73
Total present value.....			\$ 9,992.57	

SPECIAL WORK—CAR HOUSES AND YARDS.

Estimated cost of Turn-out—60-lb. Track, T-Rail Construction, Split Switch.

Material, including switch points, frogs, ground, lever, etc..	\$100.00
30 feet of straight track @ \$1.30.....	39.00
30 feet of curved track included @ \$1.80 (\$1.30 + \$0.50)...	54.00
Bonding, 13 joints @ \$0.75.....	9.75
Labor .....	50.00
Total.....	\$253.00

**ESTIMATED COST OF TURN-OUT, SEVEN-INCH GIRDER  
GUARD.**

	Cost New
Material, point, mate and frog.....	\$160.00
30 feet straight track @ \$1.78.....	53.00
30 feet curved track @ (\$1.78 + \$0.50) \$2.28.....	68.00
Bonding, 12 joints @ \$0.75.....	9.00
Labor .....	50.00
Total.....	<b>\$340.00</b>
For cross-over take double cost turn-out.....	<b>\$680.00</b>

**CAR BARN LAYOUT.**

**Curved Track, 60-lb., T-Rail.**

	Cost New
Rails @ \$0.65 per foot (straight).....	\$1.30
Strap guards, 19 lb. @ \$0.05.....	.95
Curving, per foot.....	.50
Total cost per foot of track.....	<b>\$2.75</b>

**Cost of 28-Track Car Barn Layout.**

	Cost New
Straight track, 215 feet @ \$1.30.....	\$ 280.00
Curved strap guard, 840 feet @ \$2.75.....	2,310.00
Points and mates, 28 feet @ \$115.00.....	3,220.00
Frogs, 37 @ \$45.00.....	1,665.00
Bonds, 300 @ \$0.75.....	225.00
Labor on 1,055 feet @ \$1.00.....	1,055.00
Total.....	<b>\$8,755.00</b>

**EXHIBIT II.**  
**ELECTRIC POWER DISTRIBUTION**  
**AND**  
**TELEPHONE SYSTEMS**





**EXHIBIT II.****Electric Power Distribution and Telephone Systems.****COMPRISING THE FOLLOWING DIVISIONS:****Overhead Trolley.****Feeder System.****Telephone System (Outside of Buildings).****SUMMARY.**

	Cost to Construct New	Present Value
Overhead Trolley.....	\$ 96,073.68	\$ 65,424.51
Feeder System.....	88,845.26	82,139.20
Telephone System.....	3,164.96	2,491.25
Total.....	<b>\$188,083.90</b>	<b>\$150,054.96</b>

UNIT POLE COSTS.

WOOD POLES

Diam of Top, Inches.	Length in Feet.	Price.	Cost of Labor.	Heeled and Breasted.	Set in Barrels.	Set in Sheet Piling.	Set in Rock.	Total Cost Set in 1 yd. Concrete.	With Brace.	Scrap Value.
7	30	\$ 5.20	\$2.80	\$ 8.75	\$ 9.50	\$45.00	\$10.00	\$11.50	\$ 9.00	\$1.00
7	35	8.10	2.90	11.75	12.00	48.00	13.00	14.50	12.50	1.00
8	40	11.45	3.05	15.20	15.50	51.50	16.50	18.00	16.00	1.00
8	45	15.10	3.25	19.10	19.35	55.35	20.35	21.85	19.85	1.00
8	50	15.40	3.60	19.75	20.00	56.00	21.00	22.50	20.50	1.00
8	55	17.60	4.00	22.35	22.60	58.60	23.60	25.10	22.10	1.00

IRON POLES

Size, Inches.	Length, Feet.	Weight, Lb.	Price Per lb.	Cost Pole Only.	Set in 1 Yd. Concrete.	Scrap Value.
6-7-8	30	1322	3½ cts.	\$46.27	\$55.00	\$4.95
6-7-8	35	1479	3½ cts.	51.76	61.00	5.55
5-6-7	30	1100	3½ cts.	38.50	46.75	4.15
5-6-7	35	1220	3½ cts.	42.70	51.25	4.55
4-5-6	30	525	3½ cts.	18.37	25.18	1.97
4-5-6	25	450	3½ cts.	15.75	22.37	1.69

## TYPES OF OVERHEAD CONSTRUCTION.

Prices Below Are for 12-In. Ears. For 15-In. Ears Add 20 Cents  
For Each Ear to the Prices Given.

**A Iron Pole Cross Span Construction.**

2 trolleys, 2 tracks.

	Cost New
2 pole collars.....	\$0.18
2 globe strains.....	.60
48 feet span wire.....	.55
2 wood strains.....	.40
2 O. B., or equal, hangers.....	.90
2 trolley ears, 12 in.....	.70
Labor .....	2.50
	<hr/>
	\$5.83

**B Iron Center Pole Construction.**

4 trolleys, 2 tracks.

	Cost New
1 O. B. bracket for iron poles type "D".....	\$ 7.92
4 Anderson solid hangers.....	1.52
4 trolley ears, 12 in.....	1.40
Labor .....	4.00
	<hr/>
	\$14.84

**C Wood Pole Cross Span Construction.**

4 trolleys, 2 tracks.

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
76 feet span wire.....	.85
3 wood strains.....	.60
4 Anderson solid hangers.....	1.52
4 trolley ears, 12 in.....	1.40
Labor .....	2.00
	<hr/>
	\$6.61

**D Wood Pole Cross Span Construction.**

4 trolleys, 2 tracks.

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
82 feet span wire.....	.92
3 wood strains.....	.60
4 O. B., or equal, hangers.....	1.80
4 trolley ears, 12 in.....	1.40
Labor .....	2.00
	<hr/>
	\$6.96

140 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

E Wood Pole Cross Span Construction.

4 trolleys, 2 tracks.

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
82 feet span wire.....	.85
1 globe strain.....	.28
4 O. B., or equal, hangers.....	1.80
4 trolley ears, 12 in.....	1.40
Labor .....	2.00
	<hr/>
	\$6.57

F Wood Pole Cross Span Construction.

2 trolleys, 2 tracks.

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
48 feet span wire.....	.55
2 wood strains.....	.40
2 O. B., or equal, hangers.....	.90
2 trolley ears, 12 in.....	.70
Labor .....	2.00
	<hr/>
	\$4.79

G Wood Pole Cross Span Construction.

2 trolleys, 2 tracks.

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
48 feet span wire.....	.55
2 O. B., or equal, hangers.....	.90
2 trolley ears.....	.70
Labor .....	2.00
	<hr/>
	\$4.39

H Wood Pole Cross Span Construction.

2 trolleys, 2 tracks.

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
48 feet span wire.....	.55
1 wood strain.....	.20
2 O. B., or equal, hangers.....	.90
2 trolley ears, 12 in.....	.70
Labor .....	2.00
	<hr/>
	\$4.59

**I Wood Pole Cross Span Construction.****1 trolley, 1 track.**

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
48 feet span wire.....	.55
2 wood strains.....	.40
1 O. B., or equal, hangers.....	.45
1 trolley ear.....	.35
Labor .....	2.00
	<hr/>
	\$3.99

**J Wood Pole Cross Span Construction.****2 trolleys, 2 tracks (feed span).**

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
36 feet No. 1/0 solid copper wire.....	1.47
19 feet span wire.....	.21
2 wood strains.....	.40
4 trolley ears, 12 in.....	1.40
1 brass stud bolt.....	.15
Labor .....	2.00
	<hr/>
	\$5.87

Scrap value.....\$1.45

**K Wood Pole Cross Span Construction.****1 trolley, 1 track (feed span).**

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
36 feet No. 1/0 solid copper wire.....	1.47
19 feet span wire.....	.21
2 wood strains.....	.40
2 trolley ears.....	.70
1 stud bolt.....	.15
Labor .....	2.00
	<hr/>
	\$5.17

Scrap value.....\$1.25

**L Wood Pole Cross Span Construction.****1 trolley, 1 track.**

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
48 feet span wire.....	.55
2 wood strains.....	.40
1 O. B., or equal, hanger.....	.45
1 trolley ear, 12 in.....	.35
Labor .....	2.00
	<hr/>
	\$3.99

**142 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

**M Wood Pole Cross Span Construction.**

**2 trolleys, 2 tracks (feed span),**

	Cost New
2 5/8-in.x12-in. eye bolts.....	\$0.24
48 feet span wire.....	.55
51 feet No. 1/0 solid copper wire.....	2.65
2 O. B., or equal, hangers.....	.90
2 trolley feed ears.....	.70
2 wood strains.....	.40
Labor .....	2.00
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	\$7.44
Scrap value.....	\$1.75

**N Iron Center Pole Construction.**

**4 trolleys, 2 tracks (feed tap).**

	Cost New
1 O. B. bracket for iron pole type "D".....	\$ 7.92
18 feet No. 1/0 copper wire R. C.....	1.41
5 feet 1 in. Loom.....	.50
4 Anderson solid hangers.....	1.52
4 trolley ears.....	1.40
Labor .....	4.00
	<hr/>
	\$16.75
Scrap value.....	\$ 1.00

**O Wood Pole Bracket Construction.**

**1 trolley, 1 track.**

	Cost New
1 angle iron bracket.....	\$3.52
1 globe strain.....	.28
1 trolley ear.....	.35
	<hr/>
	\$4.15

**P Wood Pole Bracket Construction.**

**1 trolley, 1 track (feed tap).**

	Cost New
1 angle iron bracket.....	\$3.52
1 globe strain.....	.28
2 trolley ears.....	.70
8 feet No. 1/0 copper wire.....	.40
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	\$4.90

## OVERHEAD TROLLEY CONSTRUCTION.

The inspection of the overhead work has been made by going over the entire system, and inspecting and listing in detail all overhead material.

The dates of installation of materials have been obtained partly from the records and partly from foremen and workmen concerned in the erection of the line. In every case dates have been verified as far as possible by inspection.

The results of our examination of span equipment indicate that it is maintained in a condition averaging 25% depreciation.

## Trolley Wire Data.

Cost per pound of new trolley wire.....	16.6c
Weight per foot of new No. 0 trolley wire.....	.320 lb.
Cost per foot of new No. 0 trolley wire (allowing 1% for sag) .....	5.36c
Weight per foot of No. 3/0 trolley wire.....	.509 lb.
Cost per foot of new No. 3/0 trolley wire (allowing 1% for sag and ¼c per lb. for grooving).....	8.66c
Value per lb. of scrap trolley wire.....	10c
Weight per foot of No. 1/0 scrap trolley wire.....	.265 lb.
Value per foot of No. 1/0 scrap trolley wire.....	2.68c
Weight per foot of No. 3/0 scrap trolley wire.....	.422 lb.
Value per foot of No. 3/0 scrap trolley wire (allowing 1% for sag) .....	4.27c

Owing to the fact that headways could not be obtained over the lines in Michigan Avenue from 119th Street to 124th Street; in St. Lawrence Avenue from 75th Street to South Chicago Avenue, and in South Chicago Avenue from 75th Street to Stony Island Avenue; the trolley wire in these sections was depreciated 40% by inspection.

The length of life of No. 1/0 trolley is taken as 1.972 years per minute of headway of 18 hours. The length of life of No. 3/0 trolley is taken as 2.5 years per minute of headway of 18 hours.

The average length of life of a cedar pole was determined from pole renewals and inspection of poles in place to be 22 years.

Joint ownership of poles and spans was investigated in detail, and allowance made for outside interest.



SECTION 2-A

OVERHEAD TROLLEY CONSTRUCTION.

SUMMARY.

Street.	From	To	Miles	Cost New.	Scrap Value.	Depre- ciation.	Present Value.
South Park Ave....	63rd St.	67th St.					
66th St.	South Park Ave.	St. Lawrence Ave.					
St. Lawrence Ave..	66th St.	South Chicago Ave.	.2992	\$2,884.08	\$ 605.31	\$ 627.31	\$2,256.77
S. Chicago Ave....	St. Lawrence Ave.	Cottage Grove Ave.	.5416	1,429.12	247.56	399.59	1,029.53
Cottage Grove Ave.	Brookline Loop.	75th St.	.4244	838.82	176.22	287.05	551.77
Cottage Grove Ave.	75th St.	95th St.	4.0102	9,296.02	1,542.58	4,552.96	6,124.62
93rd St.	Car Barns.	Stony Island Ave.	1.0264	2,129.52	409.72	775.66	1,353.86
Stony Island Ave...	94th St.	97th St.					
97th St.	Stony Island Ave.	Pullman Drive.					
Pullman Drive....	97th St.	Ericsson Ave.	1.9752	4,085.62	775.69	1,169.48	2,916.14
104th St.	Ericsson Ave.	Pullman Ave.					
Pullman Ave....	104th St.	111th St.	.9247	4,555.05	524.58	1,508.06	3,046.99
Pullman Ave....	111th St.	115th St.					
115th St.	Pullman Ave.	Watt Ave.					
Watt Ave....	115th St.	111th St.	1.1634	3,077.97	385.58	1,012.95	2,065.02
115th St.	Pullman Ave.	Michigan Ave.	.6150	623.02	116.83	140.60	482.42
119th St.	Michigan Ave.	S. Halsted St.	1.1339	2,117.02	450.40	981.31	1,135.71
119th St.	S. Halsted St.	Morgan St.					
Morgan St.	119th St.	120th St.					
120th St.	Morgan St.	S. Halsted St.					
S. Halsted St.	121st St.	119th St.	.9878	1,550.20	259.07	255.22	1,294.98
Michigan Ave....	124th St.	119th St.	.6027	796.13	144.48	303.47	492.66
Michigan Ave....	119th St.	103rd St.	1.9483	3,868.50	768.42	1,074.02	2,794.48
103rd St.	Michigan Ave.	Vincennes Road.	1.8536	2,545.11	449.19	989.96	1,555.15

SUMMARY, Continued

Street.	From	To	Miles.	Cost New.	Scrap Value.	Depre- ciation.	Present Value.
Michigan Ave.....	103rd St.....	99th St.....	.5792	\$1,123.82	\$ 214.15	\$ 360.62	\$ 763.20
Michigan Ave.....	99th St.....	95th St.....	.4025	795.14	182.23	185.90	609.24
95th St.....	Michigan Ave.....	Cottage Grove Ave.	.7797	1,472.76	298.61	727.78	744.98
Stony Island Ave.....	94th St.....	79th St.....	1.9783	3,152.81	745.12	804.92	2,347.89
Stony Island Ave.....	79th St.....	63rd St.....	2.0788	6,653.02	977.60	1,286.81	5,366.21
67th St.....	Stony Island Ave.....	St. Lawrence Ave.	1.2009	2,245.43	454.43	773.53	1,471.90
73rd St.....	Stony Island Ave.....	Railroad Ave.....	1.1658	2,065.00	455.35	680.75	1,384.25
Railroad Ave.....	73rd St.....	78th St.....	.7862	1,648.44	402.23	470.98	1,178.06
78th St.....	Railroad Ave.....	Lake Ave.....					
Lake Ave.....	78th St.....	Cheltenham Pl. .					
Cheltenham Pl.....	Lake Ave.....	Bond Ave. ....					
Bond Ave.....	Cheltenham Pl. .	79th St.....	.6103	1,711.38	372.99	500.22	1,211.16
75th St.....	Stony Island Ave.	Eggleston Ave...	2.4446	4,023.64	822.87	1,759.33	2,264.31
St. Lawrence Ave..	75th St.....	S. Chicago Ave..	.4116	1,184.30	256.05	400.43	783.87
S. Chicago Ave. . .	75th St.....	Stony Island Ave.	.7371	1,462.87	309.47	544.32	918.55
S. Chicago Ave. . .	Stony Island Ave.	95th St.....	3.0770	5,765.25	1,236.80	1,186.54	4,758.71
95th St.....	S. Chicago Ave. .	Ave. N.....					
Ave. N. ....	95th St.....	98th St.....					
98th St.....	Ave. N.....	Ave. L.....					
Ave. L.....	98th St.....	108th St.....					
108th St.....	Ave. L.....	State Line.....	2.3395	5,615.85	1,021.68	1,952.42	3,663.43
Mackinaw Ave.....	91st St.....	89th St.....					
89th St.....	Mackinaw Ave. .	The Strand. ....					
Mackinaw Ave.....	91st St.....	Harbor Ave.....					
93rd St.....	Harbor Ave.....	Erie Ave. ....					
Harbor Ave.....	Mackinaw Ave. .	93rd St.....	.4281	1,430.16	229.97	676.68	753.48
91st St.....	S. Chicago Ave...	Mackinaw Ave. .					
Erie Ave.....	91st St.....	S. Chicago Ave..					

SUMMARY, Continued

Street.	From	To	Miles	Cost New.	Wear and Tear Value.	Depreciation.	Present Value.
93rd St. ....	Erie Ave. ....	S. Chicago Ave..	1.1164	\$2,489.89	\$569.99	\$ 479.69	\$ 2,010.10
93rd St. ....	S. Chicago Ave....	Stony Island Ave.	1.7645	3,019.41	682.30	1,271.86	1,747.55
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Total.....			39.4248	\$86,167.35	\$16,160.47	\$28,139.92	\$58,896.99
Deduct-for jointly owned material.....				2,625.01	163.54	618.90	2,006.11
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C. E. S. Ry. Co.'s interest.....				\$83,542.34	\$15,996.93	\$27,521.02	\$56,890.88
15% for Organization, engineering and incidentals.....				12,531.34	2,399.54	4,128.15	8,533.63
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Grand Total of C. E. S. Ry. Co.'s Interest.....				\$96,073.68	\$18,396.47	\$31,649.17	\$65,424.51

DEDUCTIONS FROM VALUATION

FOR OUTSIDE INTEREST IN JOINTLY OWNED POLES AND SPANS.

Material.

	Location.	Outside Interest in Cost, New.	Outside Interest in Scrap Value.	Outside Interest in Depreciation.	Outside Interest in Present Value.
1-40 ft. Cedar Pole.....	Section No. 1	\$ 7.60	\$ .50	\$ .96	\$ 6.63
1-40 ft. Cedar Pole.....	Section No. 1	7.60	.50	.64	6.95
1-55 ft. Cedar Pole.....	Section No. 2	11.17	.50	7.77	3.40
1-45 ft. Cedar Pole.....	Section No. 2	9.55	.50	.82	8.73
1-50 ft. Cedar Pole.....	Section No. 2	9.88	.50	1.27	8.60
4-55 ft. Cedar Poles.....	Section No. 2	32.93	2.66	1.36	31.57
1-60 ft. Cedar Pole.....	Section No. 2	12.50	.50	1.63	10.87
1-60 ft. Cedar Pole.....	Section No. 2	12.50	.50	.54	11.96
2-30 ft. Iron Poles.....	Section No. 2	46.75	4.15	.68	42.04
14 Sets Class F 15 Equipment.....	Section No. 2	36.30		9.08	27.22
28-30 ft. Cedar Poles.....	Section No. 2	245.00	28.00	78.99	166.01
1-40 ft. Cedar Pole.....	Section No. 9	7.60	.50	.64	6.95
1-45 ft. Cedar Pole.....	Section No. 9	9.55	.50	.40	9.14
6-40 ft. Cedar Poles.....	Section No. 10	45.60	3.00	3.87	41.72
1-45 ft. Cedar Pole.....	Section No. 10	9.55	.50	.82	8.73
2-40 ft. Cedar Poles.....	Section No. 11	15.20	1.00	1.29	13.91
3-45 ft. Cedar Poles.....	Section No. 11	28.65	1.50	2.46	26.18
1-50 ft. Cedar Pole.....	Section No. 11	9.87	.50	.85	9.02
38-45 ft. Cedar Poles.....	Section No. 13	362.90	19.00	15.42	347.47
1-45 ft. Cedar Pole.....	Section No. 14	9.55	.50	.82	8.73
10-45 ft. Cedar Poles.....	Section No. 15	95.55	5.00	24.70	70.84
11-45 ft. Cedar Poles.....	Section No. 15	105.05	5.50	9.05	96.00
21-30 ft. Cedar Poles.....	Section No. 19	91.87	10.50	14.81	77.06
3-35 ft. Cedar Poles.....	Section No. 19	17.62	1.50	3.66	13.96
86-35 ft. Cedar Poles.....	Section No. 19	505.25	43.00	249.61	255.63
6-35 ft. Cedar Poles.....	Section No. 19	35.25	3.00	4.38	30.86
2-40 ft. Cedar Poles.....	Section No. 19	22.80	1.50	3.87	18.93

REDUCTIONS FROM VALUATION FOR OUTSIDE INTEREST IN JOINTLY OWNED POLES AND SPANS—  
Continued

Material	Location	Outside Interest in Cost New	Outside Interest in Scrap Value.	Outside Interest in Depreciation.	Outside Interest in Present Value.
3-40 ft. Cedar Poles.....	Section No. 19	\$ 30.40	\$2.00	\$ 2.58	\$ 27.82
2-45 ft. Cedar Poles.....	Section No. 19	28.65	1.50	4.93	23.72
3-45 ft. Cedar Poles.....	Section No. 19	28.65	1.50	4.94	23.71
1-30 ft. Iron Pole.....	Section No. 19	23.37	2.07	.53	22.84
13-Class C 15 Equipment.....	Section No. 19	48.16		12.04	36.12
35-Class E 15 Equipment.....	Section No. 19	128.97		32.24	96.73
14-Class M 15 Equipment.....	Section No. 19	15.68	3.50	3.05	12.63
33-Class B 12 Equipment.....	Section No. 19	244.86		61.21	183.64
4-Class N 12.....	Section No. 19	33.50	2.00	7.87	25.62
5-40 ft. Cedar Poles.....	Section No. 24	38.00	2.50	25.84	12.15
1-50 ft. Cedar Pole.....	Section No. 24	9.87	.50	.85	9.02
1-55 ft. Cedar Pole.....	Section No. 24	11.17	.50	.97	16.20
4-35 ft. Cedar Poles.....	Section No. 26	23.50	2.00	1.95	21.54
1-40 ft. Cedar Pole.....	Section No. 26	7.60	.50	.64	6.95
3-35 ft. Cedar Poles.....	Section No. 27	17.62	1.50	2.93	14.69
1-45 ft. Cedar Pole.....	Section No. 27	9.55	.50	.82	8.73
1-45 ft. Cedar Pole.....	Section No. 27	12.73	.66	1.64	11.09
2-30 ft. Cedar Poles.....	Section No. 30	8.75	1.00	.70	8.04
3-35 ft. Cedar Poles.....	Section No. 30	17.62	1.50	1.46	16.16
4-40 ft. Cedar Poles.....	Section No. 30	30.40	2.00	2.58	27.82
1-45 ft. Cedar Pole.....	Section No. 30	9.55	.50	1.64	7.90
1-55 ft. Cedar Pole.....	Section No. 30	11.17	.50	.97	10.20
1-60 ft. Cedar Pole.....	Section No. 30	12.50	.50	1.09	11.41
2-45 ft. Cedar Poles.....	Section No. 31	19.10	1.00	.81	18.29
Total.....		\$2,625.01	\$163.54	\$618.90	\$2,006.11

## INDEX OF SECTION NUMBERS.

Straight Line Number	Special Number	Includes
1		South Park Ave. from 63d St. to 67th St. 66th St. from South Park Ave. to St. Lawrence Ave. St. Lawrence Ave. from 66th St. to South Chicago Ave.
..	1	South Park Ave. Loop.
..	2	66th St. and South Park Ave.
..	3	66th St. and St. Lawrence Ave.
..	4	67th St. and St. Lawrence Ave.
..	5	South Chicago Ave. and St. Lawrence Ave.
2	..	South Chicago Ave. from St. Lawrence Ave. to Cottage Grove Ave.
..	6 (a b c)	South Chicago Ave. and Cottage Grove Ave.
..	7	Brookline Loop.
3	..	Cottage Grove Ave. from Brookline Loop to 75th St.
..	8	75th St. and Cottage Grove Ave.
4	..	Cottage Grove Ave. from 75th St. to 95th St.
..	9 (a to g)	93d St. and Cottage Grove Ave.
..	10	95th St. and Cottage Grove Ave.
5	..	93d St. from Barns to Stony Island Ave., via Nickel Plate Shops.
..	11 (a to d)	93d St. and Vaughn Ave., Nickel Plate Shops, 94th St. and Stony Island Ave. Stony Island Ave. from 94th St. to 97th St.
6	..	97th St. from Stony Island Ave. to Pullman Drive. Pullman Drive from 97th St. to Ericsson Ave.
..	12	97th St. and Stony Island Ave.
..	13	97th St. and Pullman Drive.
..	14	104th St. and Pullman Ave.
7	..	104th St. from Ericsson Ave. to Pullman Ave. Pullman Ave. from 104th St. to 111th St.
..	15	111th St. and Pullman Ave., 111th St. and Watt Ave.
8	..	Pullman Ave. from 111th St. to 115th St. 115th St. from Pullman Ave. to Watt Ave. Watt Ave. from 115th St. to 111th St.
..	16	115th St. and Pullman Ave.
..	17	115th St. and Watt Ave.
9	..	115th St. from Pullman Ave. to Michigan Ave.
..	18	115th St. and Michigan Ave.
10	..	119th St. from Michigan Ave. to South Halsted St.
..	19	119th St. and Michigan Ave.

# 15) VALUATION—CALUMET ELECTRIC STREET RAILWAY.

11	..	119th St. from South Halsted St. to Morgan St. Morgan St. from 119th St. to 120th St. 120th St. from Morgan St. to South Halsted St. South Halsted St. from 121st St. to 119th St.
..	20	119th St. and South Halsted St.
..	21	119th St. and Morgan St.
..	22	120th St. and Morgan St.
..	23	120th St. and South Halsted St.
12	..	Michigan Ave. from 124th St. to 119th St.
13	..	Michigan Ave. from 119th St. to 103d St.
..	24	103d St. and Michigan Ave.
14	..	103d St. from Michigan Ave. to Vincennes Road.
15	..	Michigan Ave. from 103d St. to 99th St.
..	25	99th St. and Michigan Ave.
16	..	Michigan Ave. from 99th St. to 95th St.
..	26	95th St. and Michigan Ave.
17	..	95th St. from Michigan Ave. to Cottage Grove Ave.
18	..	Stony Island Ave. from 94th St. (alley) to 79th St.
..	27	93d St. and Stony Island Ave.
..	28	South Chicago Ave. and Stony Island Ave.
19	..	Stony Island Ave. and 79th St. to 63d St.
..	29	75th St. and Stony Island Ave.
..	30	73d St. and Stony Island Ave.
..	31	67th St. and Stony Island Ave.
..	32	64th St. and Stony Island Ave.
..	28	South Chicago Ave. and Stony Island Ave.
..	33	Stony Island Ave. Loop.
20	..	67th St. from Stony Island Ave. to St. Law- rence Ave.
21	..	73d St. from Stony Island Ave. to Railroad Ave.
..	34	73d St. and Railroad Ave.
22	..	Railroad Ave. from 73d St. to 78th St.
..	35	78th St. and Railroad Ave.
23	..	78th St. from Railroad Ave. to Lake Ave. Lake Ave. from 78th St. to Cheltenham Pl. Cheltenham Pl. from Lake Ave. to Bond Ave. Bond Ave. from Cheltenham Pl. to 79th St.
..	36	78th St. and Lake Ave.
..	37	Cheltenham Pl. and Lake Ave.
..	38	Cheltenham Pl. and Bond Ave.
24	..	75th St. from Stony Island Ave. to Eggleston Ave.
25	..	St. Lawrence Ave. from 75th St. to South Chi- cago Ave.
..	40	75th St. and St. Lawrence Ave.

26	..	South Chicago Ave. from 75th St. to Stony Island Ave.
..	39	75th St. and South Chicago Ave.
27	..	South Chicago Ave. from Stony Island Ave. to 95th St.
..	41	91st St. and South Chicago Ave.
..	43	93d St. and South Chicago Ave.
..	44	South Chicago Ave. and Erie Ave.
..	45	95th St. and South Chicago Ave.
		95th St. from South Chicago Ave. to Ave "N".
		Ave. "N" from 95th St. to 98th St.
28	..	98th St. from Ave. "N" to Ave "L".
		Ave "L" from 98th St. to 108th St.
		108th St. from Ave. "L" to State Line.
..	46	95th St. and Ave. "N".
..	47	98th St. and Ave. "N".
..	48	98th St. and Ave. "L".
..	49	108th St. and Ave. "L".
		Mackinaw Ave. from 91st St. to 89th St.
29	..	89th St. from Mackinaw Ave. to Strand Ave.
		Mackinaw Ave. from 91st St. to Harbor Ave.
		93d St. from Harbor Ave. to Erie Ave.
		Harbor Ave. from Mackinaw Ave. to 93d St.
..	50	91st St. and Mackinaw Ave.
..	51	89th St. and Mackinaw Ave.
..	52	92d St. and Harbor Ave., 93d St. and Harbor Ave.
		91st St. from South Chicago Ave. to Mackinaw Ave.
30	..	Erie Ave. from 91st St. to South Chicago Ave.
		93d St. from Erie Ave. to South Chicago Ave.
..	53	93d St. and Erie Ave.
..	54	91st St. and Erie Ave.
31	..	93d St. from South Chicago Ave. to Stony Island Ave.
..	55	93d St. and Escanaba Ave.
..	42	South Chicago Ave. and Escanaba Ave.



OVERHEAD TROLLEY CONSTRUCTION.

South Park Ave. from 63rd Street to 67th Street. 66th Street from South Park Ave. to St. Lawrence Ave. St. Lawrence Ave. from 66th Street to South Chicago Ave.

Section No. 1.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value, Calumet Interest
Poles.....	74.....	Cedar	30 ft.	1906	9	\$646.50	\$ 74.00	\$ 51.52	\$594.98
	3	Cedar	30 ft.	1896	54	26.25	3.00	12.55	13.70
	8	Cedar	35 ft.	1896	54	94.00	8.00	46.48	47.56
	4	Cedar	35 ft.	1899	40.9	47.00	4.00	17.58	29.42
	5	Cedar	35 ft.	1900	36.4	58.75	5.00	19.56	39.19
	2	Cedar	20 ft.	1905	13.6	6.00	2.00	.54	5.46
	1	Cedar	30 ft.	1899	40.9	8.75	1.00	3.17	5.58
	5	Iron	30 ft.	1896	5	233.75	20.75	10.65	223.10
	1	Iron	35 ft.	1904	9.8	51.25	4.55	5.15	46.07
	1	Cedar	40 ft.	1905	13.6	15.20	1.00	1.93	13.27
	1	Cedar	40 ft.	1906	9.1	15.20	1.00	1.29	13.91
Stubs.....	10	Cedar		1896	54	30.00		16.20	13.80
Trolley wire, 4,533 ft.	.8585 mi.		3/0	1896	72.2	392.55	193.55	142.95	249.60
2,081 ft.	.3941 mi.		3/0	1896	72.2	180.21	88.86	65.95	114.26
1,666 ft.	.3155 mi.		3/0	1896	72.2	144.27	71.14	52.79	91.48
575 ft.	.1089 mi.		1/0	1907	7.63	30.82	15.43	1.17	29.65
677 ft.	.1282 mi.		1/0	1906	15.2	36.29	18.16	2.76	33.53
559 ft.	.0058 mi.		1/0	1906	15.2	29.96	15.96	2.14	27.82
850 ft.	.1109 mi.		1/0	1905	22.89	45.56	22.80	5.21	40.35
250 ft.	.0473 mi.		3/0	1896	72.21	21.86	10.67	8.15	13.71
250 ft.	.0473 mi.		1/0	1907	7.63	13.40	6.71	.51	12.89
Equipment.....	3	A-15 2 Globe Strains			25	16.89		4.22	12.67
	33	F-15			25	185.79		46.44	139.35
	4	J-15			25	26.68	5.00	5.42	21.26
	Special No. 1				25	67.51	4.61	15.72	51.79

OVERHEAD TROLLEY CONSTRUCTION—Section No. 1—Continued.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
	Special No. 2				25	\$ 50.39	\$ 6.08	\$ 11.08	\$39.31
	Special No. 3				25	35.86	3.24	8.15	27.71
	Special No. 4				25	50.82	6.26	11.14	39.68
	Special No. 5				25	52.29	10.10	8.29	44.00
Ground.....	4	L.A.				400.00	2.44		4.00
Strains.....	2	Brooklyn			25	1.24		.31	.93
	3	Sprague			25	.60		.15	.45
Anchor.....	1	Iron	12 ft.	1899	80	5.00		4.00	1.00
Labor on trolley,	.8585 mi. @ \$25 per mi.			1896	72.2	21.46		15.50	5.96
	.3941 mi. @ \$25 per mi.			1896	72.2	9.85		7.11	2.74
	.3155 mi. @ \$25 per mi.			1896	72.2	7.88		5.69	2.19
	Special No. 1				25	70.00		17.50	52.50
	Special No. 2				25	30.00		7.50	22.50
	Special No. 3				25	25.00		6.25	18.75
	Special No. 4				25	45.00		111.25	33.75
	Special No. 5				25	50.00		12.50	37.50
						<u>\$2,884.08</u>	<u>\$608.31</u>	<u>\$627.31</u>	<u>\$2,256.77</u>

OVERHEAD TROLLEY CONSTRUCTION.  
South Chicago Ave. from St. Lawrence Ave. to Cottage Grove Ave. Section No. 2.

Material	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest
Poles.....	28	Cedar	30 ft.	1900	36.4	\$245.00	\$ 28.00	\$ 78.99	\$166.01	
	10	Cedar	30 ft.	1892	72.8	87.50	10.00	56.40	31.10	
	4	Cedar	35 ft.	1902	27.3	47.00	4.00	11.74	35.26	
	11	Cedar	35 ft.	1892	72.8	129.25	11.00	86.08	43.17	
	1	Cedar	55 ft.	1892	72.8	22.35	1.00	15.54	6.81	1/2
	1	Cedar	45 ft.	1906	9.1	19.10	1.00	1.64	17.46	1/2
	1	Cedar	50 ft.	1905	13.6	19.75	1.00	2.55	17.20	1/2
	4	Cedar	55 ft.	1907	4.5	49.40	4.00	2.04	47.36	1/3
	1	Cedar	60 ft.	1905	13.6	25.00	1.00	3.26	21.74	1/2
	1	Cedar	60 ft.	1907	4.5	25.00	1.00	1.08	24.92	1/2
	2	Iron	30 ft.	1906	7.5	93.50	8.30	6.37	87.13	1/2
Stubs.....	1			1900	36.6	3.00		1.10	1.90	
Trolley wire, 3,120 ft.	.5909 mi.		1/0	1901	36.4	167.23	85.71	30.40	136.83	
1,395 ft.	.2642 mi.		1/0	1907	5.2	74.77	37.43	1.94	72.83	
765 ft.	.1449 mi.		1/0	1899	46.8	41.00	20.52	9.58	31.42	
440 ft.	.0833 mi.		1/0	1899	46.8	23.58	11.81	5.47	18.11	
Equipment.....	14	F-15			25	72.60		18.16	54.44	1/2
	Special No. 6A				25	184.32	21.79	40.63	143.69	
	Special No. 6B, 6C & No. 7									
Labor on trolley,	.5909 mi. @ \$25 per mi.			1901	36.4	14.77		5.37	9.40	
	Special No. 6A, 6B, 6C & No. 7				25	85.00		21.25	63.75	
							<hr/>			
							\$1,429.12	\$247.56	\$399.59	\$1,029.53

OVERHEAD TROLLEY CONSTRUCTION.

Cottage Grove Avenue from Brookline Loop to 75th Street. Section No. 3.

Material.	Amount.	Kind.	Size.	When Installed,	% Dep	Cost New	Scrap Value.	Depreciation	Present Value.
Poles.....	28	Cedar	30 ft.	1896	54.	\$ 245.00	\$28.00	\$117.58	\$127.42
	3	Cedar	35 ft.	1892	72.8	35.25	3.00	24.20	11.05
	4	Cedar	40 ft.	1892	72.8	60.80	4.00	44.26	16.54
Trolley wire, 3,017 ft.	.5714 mi.		1/0	1900	41.6	161.71	80.95	33.59	128.12
1,465 ft.	.2775 mi.		1/0	1905	15.6	78.52	39.31	6.11	72.41
Equipment.....	2	J-15			25	13.34	2.50	2.71	10.63
	12	F-15			25	62.28		15.56	46.72
	Special No. 8				25	95.64	17.24	19.60	76.04
Lightning Arrester.....	2					2.00	1.22		2.00
Labor on trolley. ....	.5714 mi. @ \$25 per mi.				41.6	14.28		5.94	8.34
	Special No. 8				25	70.00		17.50	52.50
						\$838.82	\$176.22	\$287.05	\$551.77

SECTION 2-A  
OVERHEAD TROLLEY CONSTRUCTION.

SUMMARY.

Street.	From	To	Miles	Cost New.	Scrap Value.	Depre- ciation.	Present Value.
South Park Ave.....	63rd St.....	67th St.....					
66th St.....	South Park Ave....	St. Lawrence Ave....					
St. Lawrence Ave..	66th St.	..South Chicago Ave.	.2992	\$2,884.08	\$ 605.31	\$ 627.31	\$2,256.77
S. Chicago Ave. ....	St. Lawrence Ave..	Cottage Grove Ave.	.5416	1,429.12	247.56	399.59	1,029.53
Cottage Grove Ave..	Brookline Loop....	75th St.....	.4244	838.82	176.22	287.05	551.77
Cottage Grove Ave..	75th St.....	95th St.....	4.0102	9,296.02	1,542.58	4,552.96	6,124.62
93rd St.....	Car Barns. ....	Stony Island Ave.	1.0264	2,129.52	409.72	775.66	1,353.86
Stony Island Ave....	94th St.....	97th St.....					
97th St.....	Stony Island Ave..	Pullman Drive. .					
Pullman Drive.....	97th St.....	Ericsson Ave....	1.9752	4,085.62	775.69	1,169.48	2,916.14
104th St.....	Ericsson Ave.....	Pullman Ave....					
Pullman Ave.....	104th St.....	111th St.....	.9247	4,555.05	524.58	1,508.06	3,046.99
Pullman Ave.....	111th St.....	115th St.....					
115th St.....	Pullman Ave.....	Watt Ave.....					
Watt Ave.....	115th St.....	111th St.....	1.1634	3,077.97	385.58	1,012.95	2,065.02
115th St.....	Pullman Ave.....	Michigan Ave....	.6150	623.02	116.83	140.60	482.42
119th St.....	Michigan Ave.....	S. Halsted St. .	1.1339	2,117.02	450.40	981.31	1,135.71
119th St.....	S. Halsted St.....	Morgan St. ....					
Morgan St.....	119th St.....	120th St.....					
120th St.....	Morgan St.....	S. Halsted St....					
S. Halsted St. ....	121st St.....	119th St.....	.9878	1,550.20	259.07	255.22	1,294.98
Michigan Ave.....	124th St.....	119th St.....	.6027	796.13	144.48	303.47	492.66
Michigan Ave.....	119th St.....	103rd St.....	1.9483	3,868.50	768.42	1,074.02	2,794.48
103rd St.....	Michigan Ave.....	Vincennes Road.	1.8536	2,545.11	449.19	989.96	1,555.15

## SUMMARY, Continued

Street.	From	To	Miles.	Cost New.	Scrap Value.	Depre- ciation.	Present Value.
Michigan Ave.....	103rd St.....	99th St.....	.5792	\$1,123.82	\$ 214.15	\$ 360.62	\$ 763.20
Michigan Ave.....	99th St.....	95th St.....	.4025	795.14	182.23	185.90	609.24
95th St.....	Michigan Ave.....	Cottage Grove Ave.	.7797	1,472.76	298.61	727.78	744.98
Stony Island Ave.....	94th St.....	79th St.....	1.9783	3,152.81	745.12	804.92	2,347.89
Stony Island Ave.....	79th St.....	63rd St.....	2.0788	6,653.02	977.60	1,286.81	5,366.21
67th St.....	Stony Island Ave.	St. Lawrence Ave.	1.2009	2,245.43	454.43	773.53	1,471.90
73rd St.....	Stony Island Ave.	Railroad Ave....	1.1658	2,065.00	455.35	680.75	1,384.25
Railroad Ave.....	73rd St.....	78th St.....	.7862	1,648.44	402.23	470.98	1,178.06
78th St.....	Railroad Ave.....	Lake Ave.....					
Lake Ave.....	78th St.....	Cheltenham Pl. .					
Cheltenham Pl.....	Lake Ave.....	Bond Ave. ....					
Bond Ave.....	Cheltenham Pl. .	79th St.....	.6103	1,711.38	372.99	500.22	1,211.16
75th St.....	Stony Island Ave.	Eggleston Ave...	2.4446	4,023.64	822.87	1,759.33	2,264.31
St. Lawrence Ave.....	75th St.....	S. Chicago Ave...	.4116	1,184.30	256.05	400.43	783.87
S. Chicago Ave.....	75th St.....	Stony Island Ave.	.7371	1,462.87	309.47	544.32	918.55
S. Chicago Ave.....	Stony Island Ave.	95th St.....	3.0770	5,765.25	1,236.80	1,186.54	4,758.71
95th St.....	S. Chicago Ave.....	Ave. N.....					
Ave. N.....	95th St.....	98th St.....					
98th St.....	Ave. N.....	Ave. L.....					
Ave. L.....	98th St.....	108th St.....					
108th St.....	Ave. L.....	State Line.....	2.3395	5,615.85	1,021.68	1,952.42	3,663.43
Mackinaw Ave.....	91st St.....	89th St.....					
89th St.....	Mackinaw Ave.	The Strand. ....					
Mackinaw Ave.....	91st St.....	Harbor Ave....					
93rd St.....	Harbor Ave.....	Erie Ave. ....					
Harbor Ave.....	Mackinaw Ave.	93rd St.....	.4281	1,430.16	229.97	676.68	753.48
91st St.....	S. Chicago Ave....	Mackinaw Ave. .					
Erie Ave.....	91st St.....	S. Chicago Ave..					

SUMMARY, Continued

Street.	From	To	Miles	Cost New.	Scrap Value.	Depre- ciation.	Present Value.
93rd St.....	Erie Ave. ....	S. Chicago Ave..	1.1164	\$2,489.89	\$569.99	\$ 479.69	\$ 2,010.10
93rd St.....	S. Chicago Ave....	Stony Island Ave.	1.7645	3,019.41	682.30	1,271.86	1,747.55
Total.....			39.4248	\$86,167.35	\$16,160.47	\$28,139.92	\$58,896.99
Deduct-for jointly owned material.....				2,625.01	163.54	618.90	2,006.11
C. E. S. Ry. Co.'s interest.....				\$83,542.34	\$15,996.93	\$27,521.02	\$56,890.88
15% for Organization, engineering and incidentals.....				12,531.34	2,399.54	4,128.15	8,533.63
Grand Total of C. E. S. Ry. Co.'s Interest.....				\$96,073.68	\$18,396.47	\$31,649.17	\$65,424.51

DEDUCTIONS FROM VALUATION FOR OUTSIDE INTEREST IN JOINTLY OWNED POLES AND SPANS.

Material.	Location.	Outside Interest in Cost, New.	Outside Interest in Scrap Value.	Outside Interest in Depreciation.	Outside Interest in Present Value.
1-40 ft. Cedar Pole.....	Section No. 1	\$ 7.60	\$ .50	\$ .96	\$ 6.63
1-40 ft. Cedar Pole.....	Section No. 1	7.60	.50	.64	6.95
1-55 ft. Cedar Pole.....	Section No. 2	11.17	.50	7.77	3.40
1-45 ft. Cedar Pole.....	Section No. 2	9.55	.50	.82	8.73
1-50 ft. Cedar Pole.....	Section No. 2	9.88	.50	1.27	8.60
4-55 ft. Cedar Poles.....	Section No. 2	32.93	2.66	1.36	31.57
1-60 ft. Cedar Pole.....	Section No. 2	12.50	.50	1.63	10.87
1-60 ft. Cedar Pole.....	Section No. 2	12.50	.50	.54	11.96
2-30 ft. Iron Poles.....	Section No. 2	46.75	4.15	.68	42.04
14 Sets Class F 15 Equipment.....	Section No. 2	36.30		9.08	27.22
28-30 ft. Cedar Poles.....	Section No. 2	245.00	28.00	78.99	166.01
1-40 ft. Cedar Pole.....	Section No. 9	7.60	.50	.64	6.95
1-45 ft. Cedar Pole.....	Section No. 9	9.55	.50	.40	9.14
6-40 ft. Cedar Poles.....	Section No. 10	45.60	3.00	3.87	41.72
1-45 ft. Cedar Pole.....	Section No. 10	9.55	.50	.82	8.73
2-40 ft. Cedar Poles.....	Section No. 11	15.20	1.00	1.29	13.91
3-45 ft. Cedar Poles.....	Section No. 11	28.65	1.50	2.46	26.18
1-50 ft. Cedar Pole.....	Section No. 11	9.87	.50	.85	9.02
38-45 ft. Cedar Poles.....	Section No. 13	362.90	19.00	15.42	347.47
1-45 ft. Cedar Pole.....	Section No. 14	9.55	.50	.82	8.73
10-45 ft. Cedar Poles.....	Section No. 15	95.55	5.00	24.70	70.84
11-45 ft. Cedar Poles.....	Section No. 15	105.05	5.50	9.05	96.00
21-30 ft. Cedar Poles.....	Section No. 19	91.87	10.50	14.81	77.06
3-35 ft. Cedar Poles.....	Section No. 19	17.62	1.50	3.66	13.96
86-35 ft. Cedar Poles.....	Section No. 19	505.25	43.00	249.61	255.63
6-35 ft. Cedar Poles.....	Section No. 19	35.25	3.00	4.38	30.86
2-40 ft. Cedar Poles.....	Section No. 19	22.80	1.50	3.87	18.93



OVERHEAD TROLLEY CONSTRUCTION. Section 11, Continued.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest.
Labor on trolley . . .	Special No. 20				25	15.00		3.75	11.25	
	Special No. 21				25	15.00		3.75	11.25	
	Special No. 22				25	15.00		3.75	11.25	
	Special No. 23				25	25.00		6.25	18.75	
	.2210 mi. @ \$25 per mi.			1904	20.8	5.52		1.15	4.37	
	.0699 mi. @ \$25 per mi.			1904	20.8	1.75		.36	1.39	
	.1877 mi. @ \$25 per mi.			1904	20.8	4.69		.97	3.72	
	.1127 mi. @ \$25 per mi.			1904	20.8	8.01		1.66	6.35	
							\$1,550.20	\$259.07	\$255.21	\$1,294.98

OVERHEAD TROLLEY CONSTRUCTION.  
Michigan Ave. from 124th Street to 119th Street. Section No. 12.

Material	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	56	Cedar	30 ft.	1896	54	\$490.00	\$ 56.00	\$234.36	\$255.64
Trolley wire, 3,182 ft, .602 mi.			1/0	1896	40	170.56	85.37	34.08	136.48
Equipment.....	2	K-17			25	11.14	2.50	2.16	8.98
	28	L-17			25	106.12		26.53	79.59
Grounds.....	2	L.A.				2.00	.61		2.00
Strains. ....	2	Brooklyn			25	1.24		.31	.93
Labor on trolley, .602 mi. @ \$25 per mi.				1896	40	15.07		6.03	9.04
						\$796.13	\$144.48	\$303.47	\$492.66



OVERHEAD TROLLEY CONSTRUCTION.  
103rd Street from Michigan Ave. to Vincennes Road. Section No. 14.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New	Scrap Value.	Depreciation.	Present Value.	Calume: Interest.
Poles.....	169	Cedar	30 ft.	1896	54	\$1,478.75	\$169.00	\$707.26	\$771.49	
	2	Cedar	30 ft.	1907	4.5	17.50	2.00	.69	16.81	
	4	Cedar	35 ft.	1896	54	47.00	4.00	23.22	23.78	
	1	Cedar	45 ft.	1906	9.1	19.10	1.00	1.64	17.46	1/2
Trolley wire, 9,787 ft. 1.8536 mi.			1/0	1896	50.88	524.58	262.58	133.30	391.28	
Equipment.....	5	T-15			25	27.85	6.25	5.40	22.45	
	85	L-15			25	356.15		89.03	267.12	
Ears.....	6	Plain	15 in.		25	3.30	1.08	.55	2.75	
Hangers. ....	8	Single Curve			25	3.12		.78	2.34	
	4	Straight Line			25	1.80		.45	1.35	
Guy wire.....	400 ft.	Strand 5/16 in.			25	4.50		1.12	3.38	
Strains. ....	1	Brooklyn			25	.62		.15	.47	
Insulators.....	1	Section			25	2.50	.60	.47	2.03	
Trolley frogs.....	4	2-R, 2-L.			25	12.00	2.68	2.33	9.67	
Labor on trolley, 1.8536 mi. @ \$25 per mi.				1896	50.88	46.34		23.57	22.77	
							\$2,545.11	\$449.19	\$989.96	\$1,555.15

OVERHEAD TROLLEY CONSTRUCTION.

Michigan Avenue from 103rd Street to 99th Street. Section No. 15.

Material	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest.
Poles.....	17	Cedar	30 ft.	1892	72.8	\$148.75	\$ 17.00	\$ 95.91	\$ 52.84	
	7	Cedar	30 ft.	1900	36.4	61.25	7.00	19.74	41.51	
	1	Cedar	30 ft.	1904	18	8.75	1.00	1.39	8.04	
	10	Cedar	45 ft.	1902	27.3	191.00	10.00	49.41	141.59	1/2
	11	Cedar	45 ft.	1906	9.1	210.10	11.00	18.10	192.00	1/2
Stubs.....	2	Cedar		1893	68.2	6.00		4.09	1.91	
Trolley wire, 4,982 ft.	.9436 mi.		1/0	1892	83.2	267.04	133.67	110.96	156.08	
1,134 ft.	.2148 mi.		1/0	1907	5.2	60.78	30.42	1.58	59.20	
Equipment.....	1	J-15			25	6.67	1.25	1.35	5.32	
	10	F-15			25	51.90		12.97	38.83	
	7	F-15			25	36.33		9.08	27.25	
	Special No. 25.				25	27.68	2.20	6.37	21.31	
Ground.....	1	L.A.				1.00	.61		1.00	
Hangers. ....	1	Single C.			25	.59		.14	.45	
	1	Double C.			25	.39		.09	.30	
Anchors. ....	2	Iron		1893	75	10.00		7.50	2.50	
Labor on trolley, .9436 mi. @ \$25 per mi.					83.2	23.59		19.62	3.97	
Special No. 25					25	12.00		3.00	9.00	
							\$1,123.82	\$214.15	\$360.62	\$763.20

OVERHEAD TROLLEY CONSTRUCTION.  
Michigan Avenue from 99th Street to 95th Street. Section No. 16.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation	Present Value.
Poles.....	25	Cedar	30 ft.	1904	18.2	\$218.75	\$25.00	\$35.26	\$183.49
Stubs.....	4	Cedar		1893	68.2	12.00		8.18	3.82
Trolley wire, 2058 ft.,	.3898 mi.	8	3/0	1893	60	178.22	87.88	54.20	124.02
2058 ft.	.3898 mi.		1/0	1901	36.4	110.31	55.22	20.05	90.26
324 ft.	.0614 mi.		1/0	1907	5.2	17.37	8.69	.45	16.92
Equipment.....	18	O-15			25	149.40		37.35	112.05
	Special No. 26					37.24	5.44	7.95	29.29
Guy wire.....	600 ft.	Strand 5/16			25	6.75		1.68	5.07
Strains. ....	3	Brooklyn			25	.62		.15	.47
Anchors. ....	4	Iron		1893	75	20.00		5.00	15.00
Labor on trolley, .3898 mi. @ \$25 per mi.					60	9.74		5.84	3.90
.3898 mi. @ \$25 per mi.					36.4	9.74		3.54	6.20
Special No. 26					25	25.00		6.25	18.75
						\$795.14	\$182.23	\$185.90	\$609.24

OVERHEAD TROLLEY CONSTRUCTION.  
95th Street from Michigan Avenue to Cottage Grove Avenue. Section No. 17.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	56	Cedar	30 ft.	1892	72.8	\$490.00	\$ 56.00	\$315.95	\$174.05
	12	Cedar	30 ft.	1904	18.2	105.00	12.00	16.92	88.08
	6	Cedar	30 ft.	1897	50	52.50	6.00	23.25	29.25
Pole Braces. ....	74	Scrap Poles	15 ft.	1892	72.8	148.00		107.24	40.26
Trolley wire, 8,233 ft., 1.5593 mi.			1/0	1892	83.2	441.29	220.89	183.37	257.92
Equipment.....	2	J-15			25	13.34	2.50	2.71	10.63
	35	F-15			25	181.65		45.41	136.24
Grounds.....	2	L.A.				2.00	1.22		2.00
Labor on trolley, 1.5593 mi. @ \$25 per mi.				1892	83.2	38.98		32.43	6.55
						\$1,472.76	\$298.61	\$727.78	\$744.98

OVERHEAD TROLLEY CONSTRUCTION.

Stony Island Ave. from Alley Between 94th St. and 95th St. to 79th St. Section No. 18.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	1	Cedar	30 ft.	1893	68.2	\$ 8.75	\$ 1.00	\$ 5.28	\$ 3.47
	22	Cedar	35 ft.	1898	55	258.50	22.00	143.29	115.21
	52	Cedar	35 ft.	1904	18.2	611.00	52.00	101.73	509.27
	2	Cedar	35 ft.	1904	18.2	23.50	2.00	3.91	19.59
	1	Cedar	35 ft.	1906	9.1	11.75	1.00	.97	10.78
	2	Cedar	30 ft.	1906	9.1	17.50	2.00	1.41	16.09
	6	Cedar	30 ft.	1897	18.2	52.50	6.00	8.46	44.04
Stubs.....	1	Cedar		1893	68.2	3.00		2.04	.96
Trolley wire, 17,518 ft.	3.3178 mi.		1/0	1893	37.9	938.96	470.00	177.73	761.23
	2,010 ft.	8	3/0	1893	30	174.06	85.83	26.48	147.58
	494 ft.	8	3/0	1893	30	42.78	21.09	6.50	36.28
	868 ft.	8	3/0	1906	4	75.16	37.06	1.52	73.64
Equipment.....	3	P-15			25	29.40	2.25	6.79	22.61
	11	O-15			100	91.30	4.40	86.90	4.40
	60	O-15			25	498.00	24.00	118.50	379.50
	Special No. 27				25	54.09	7.96	11.53	42.56
	Special No. 28				25	48.87	4.70	11.04	37.83
Grounds.....	3	L.A.		1904		3.00	1.83		3.00
Guy wire.....	100 ft.	Strand 1/2 in.			25	3.00		.75	2.25
Guys.....	12	Head, 5/16 in.		1904	75	24.00		18.00	6.00
Strains. ....	2	Brooklyn			25	1.24		.31	.93
Anchors. ....	6	Iron		1893	75	30.00		22.50	7.50
Labor on trolley, 3.3178 mi. @ \$25 per mi.				1893	37.9	82.94		31.43	51.51
	.3807 mi. @ \$25 per mi.			1893	30	9.51		2.85	6.66
	Special No. 27				25	30.00		7.50	22.50
	Special No. 28				25	30.00		7.50	22.50
							\$3,152.81	\$745.12	\$804.92
							\$2,347.89		



OVERHEAD TROLLEY CONSTRUCTION.

Stony Island Avenue from 79th Street to 63rd Street. Section No. 19.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest
Poles.....	21	Cedar	30 ft.	1904	18.2	\$183.75	\$ 21.00	\$ 29.62	\$154.13	1/2
	3	Cedar	35 ft.	1903	22.7	35.25	3.00	7.32	27.93	1/2
	86	Cedar	35 ft.	1896	54	1,010.50	86.00	499.23	511.27	1/2
	6	Cedar	35 ft.	1905	13.6	70.50	6.00	8.77	61.73	1/2
	11	Cedar	35 ft.	1905	13.6	129.25	11.00	16.08	113.17	1/2
	2	Cedar	40 ft.	1904	18.2	30.40	2.00	5.16	25.24	1/4
	3	Cedar	40 ft.	1906	9.1	45.60	3.00	3.87	41.73	1/8
	2	Cedar	45 ft.	1904	18.2	38.20	2.00	6.58	31.62	1/4
	3	Cedar	45 ft.	1904	18.2	57.30	3.00	9.88	47.42	1/2
	34	Iron	30 ft. 6-7-8	1905	7.5	1,870.00	168.30	127.62	1,742.38	1/2
	3	Iron	30 ft. 5-6-7	1904	10	140.25	12.45	12.78	127.47	1/2
	1	Iron	30 ft. 5-6-7	1907	2.5	46.75	4.15	1.06	45.69	1/2
	2	Iron	35 ft. 6-7-8	1905	7.5	122.00	9.90	8.40	113.60	1/2
	1	Iron	35 ft. 5-6-7	1907	2.5	51.25	4.55	1.67	49.58	1/2
Trolley wire, 19,308 ft.	3.6568 mi.		1/0	1905	24	1,034.91	518.03	124.05	910.86	
	800 ft.		1/0	1905	24	42.88	21.46	5.14	37.44	
	628 ft.		1/0	1905	30.3	33.66	16.85	5.09	28.57	
	430 ft.		1/0	1904	40.4	23.05	11.54	4.65	18.40	
	195 ft.		1/0	1904	40.4	10.45	5.23	2.10	8.35	
	592 ft.		1/0	1904	40.4	31.73	15.88	6.40	25.33	
Equipment.....	13	C-15			25	96.33		24.08	72.25	1/2
	35	E-15			25	257.95		64.48	193.47	1/2
	14	M-15			25	31.36	7.00	6.09	25.27	1/2
	33	B-12			25	489.72		122.43	367.29	1/2
	4	N-12			25	67.00	4.00	19.75	47.25	1/2

OVERHEAD TROLLEY CONSTRUCTION—Section No. 19, Continued.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Equipment.....	Special No. 29				25	\$ 53.30	\$ 8.42	\$ 11.22	\$ 42.08
	Special No. 30				25	87.18	11.85	18.83	68.35
	Special No. 31				25	53.54	5.28	12.06	41.48
	Special No. 32				25	20.24	3.34	4.23	16.01
	Special No. 33				25	222.30	12.37	52.48	169.82
Labor on trolley, 3.6568 mi. @ \$25 per mi.					24	91.42		21.94	69.48
	Special No. 29				25	30.00		7.50	22.50
	Special No. 30				25	45.00		11.25	33.75
	Special No. 31				25	30.00		7.50	22.50
	Special No. 32				25	20.00		5.00	15.00
	Special No. 33				25	50.00		12.50	37.50
						\$6,653.02	\$977.60	\$1,286.81	\$5,366.21

## OVERHEAD TROLLEY CONSTRUCTION.

**69th St. from Stony Island Ave. to St. Lawrence Ave. Section No. 20.**

Material.	Amount.	Kind	Size.	When Installed.	% Dep	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	106	Cedar	30 ft.	1896	54	\$927.50	\$106.00	\$441.11	\$486.39
Trolley wire, 9,410 ft.	1.7822 mi.		1/0	1906	5.06	504.38	252.57	12.74	491.64
3,272 ft.	.6175 mi.		1/0	1893	37.9	175.38	87.88	33.16	142.22
Equipment.....	3	S-15			25	20.01	3.75	4.06	15.95
	50	F-15			25	259.50		64.87	194.63
Ground wire.....	3	L-A				3.00	1.83		3.00
Trolley trough.....	530 ft.	Wood Y.P.			75	272.60		204.45	68.15
Guy wire.....	50 ft.	Strand			25	5.62		1.40	4.22
Hangers.....	20	Barn			25	9.00		2.25	6.76
Strains.....	2	Wood			25	.40		.10	.30
Insulators.....	2	Section			25	8.00	2.40	1.40	6.60
Labor on trolley, 1.7822 mi. at \$25 per mi.					5.06	44.55		2.25	42.30
.6197 mi. @ \$25 per mi.					37.09	15.49		5.74	9.75
						\$2,245.43	\$454.43	\$773.53	\$1,471.90

OVERHEAD TROLLEY CONSTRUCTION.  
73rd St. from Stony Island Ave. to R. R. Ave. Section No. 21.

Material.	Amount	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	109	Cedar	30 ft.	1896	54	\$953.75	\$109.00	\$456.16	\$497.59
	2	Cedar	35 ft.	1896	54	23.50	2.00	11.61	11.89
Trolley wire, 11,804 ft.	2.2356 mi.		1/0	1896	30.3	632.69	315.70	96.05	536.64
507 ft.	.0960 mi.		1/0	1896	30.3	27.18	13.70	4.08	23.10
Equipment.....	46	F-15			25	238.74		59.68	179.06
	7	J-15			25	46.69	8.75	9.48	37.21
		Special No. 34				25.58	2.36	5.81	19.77
	4	L.A.				4.00	2.64		4.00
Ground wire.....						4.50		1.12	3.38
Guy wire.....	400 ft.	Strand 5/16 in.			25				
Insulators.....	4	Brooklyn			25	2.48		.62	1.86
	2	Section			25	5.00	1.20	.95	4.05
Anchors. ....	4	Iron		1896	60	20.00		12.00	8.00
Labor on trolley, 2.2356 mi. at \$25 mi.					30.3	55.89		16.94	38.95
		Special No. 34			25	25.00		6.25	18.75
						\$2,065.00	\$455.35	\$680.75	\$1,384.25



OVERHEAD TROLLEY CONSTRUCTION.

78th St. from R. R. Ave. to Lake Ave., Lake Ave. from 78th St. to Cheltenham Pl., Cheltenham Pl. from Lake Ave. to Bond Ave., Bond Ave. from Cheltenham Pl. to 79th St. Section No. 23.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	56	Cedar	30 ft.	1896	54	\$490.00	\$56.00	\$234.36	\$255.64
	2	Cedar	30 ft.	1907	4.5	17.50	2.00	.69	16.81
	4	Iron, 30 ft. 6-7-8		1892	40	220.00	19.80	80.08	139.92
	1	Cedar	35 ft.	1907	4.5	11.75	1.00	4.83	6.92
	1	Cedar	30 ft.	1905	13.6	8.75	1.00	1.05	7.70
	1	Cedar	35 ft.	1905	13.6	11.75	1.00	1.46	10.29
Trolley wire, 2,598 ft.	.4920 mi.	8	3/0	1896	24	224.98	110.93	27.37	197.61
1,428 ft.	.2704 mi.	8	3/0	1896	24	123.66	60.98	15.04	108.62
604 ft.	.1144 mi.	8	3/0	1896	24	52.30	25.79	6.36	45.94
950 ft.	.1799 mi.	8	3/0	1896	24	82.27	40.56	9.91	72.36
240 ft.	.0454 mi.	8	3/0	1896	24	20.78	10.25	2.52	18.26
160 ft.	.0303 mi.	8	3/0	1896	24	13.85	6.83	1.68	12.17
466 ft.	.0883 mi.	8	3/0	1896	24	40.35	19.89	4.91	35.44
Equipment.....	5	F-15			25	25.95		6.48	19.47
	23	G-15			25	107.87		26.96	80.91
	1	J-15			25	6.67	1.25	1.35	5.32
	Special No. 38				25	27.48	3.24	6.06	21.42
	Special No. 37				25	28.69	3.24	6.36	22.33
	Special No. 36				25	30.90	3.82	6.77	24.13
Ground wire.....	1.	L.A.				1.00	.61		1.00
Guy wire.....	600 ft.	Strand 5/16 in.			25	6.75		1.68	5.07
Insulators.....	6	Brooklyn			25	3.72		.93	2.79
Strains. ....	10	Wood			25	2.00		.50	1.50
Crossings.....	4	Insulated			25	16.00	4.80	3.30	12.70
Anchors. ....	9	Iron		1896	60	45.00		27.00	18.00

OVERHEAD TROLLEY CONSTRUCTION. Section No. 23, Continued.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value
Labor on trolley, .4920 mi. @ \$25 per mi.				1896	24	\$12.30		\$2.95	\$ 9.35
.2704 mi. @ \$25 per mi.				1896	24	6.76		1.62	5.14
.1144 mi. @ \$25 per mi.				1896	24	2.86		.68	2.18
.1199 mi. @ \$25 per mi.				1896	24	4.49		1.07	3.42
Special No. 38					25	25.00		6.25	18.75
Special No. 37					25	20.00		5.00	15.00
Special No. 36					25	20.00		5.00	15.00
						\$1,711.38	\$372.99	\$500.22	\$1,211.16







OVERHEAD TROLLEY CONSTRUCTION.  
South Chicago Ave. from 75th St. to Stony Island Ave. Section No. 26.

Material.	Amount.	Kind	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest.
Poles.....	56	Cedar	30 ft.	1893	68.2	\$532.00	\$ 56.00	\$324.63	\$207.37	
	5	Cedar	30 ft.	1893	68.2	43.75	5.00	26.42	17.33	
	4	Cedar	35 ft.	1906	9.1	47.00	4.00	3.91	43.09	1/2
	1	Cedar	40 ft.	1906	9.1	15.20	1.00	1.29	13.91	1/2
	1	Cedar	45 ft.	1893	68.2	19.10	1.00	12.34	6.76	
Trolley wire, 6,684 ft 1.2659 mi.			1/0	1893	40	358.26	179.03	71.69	286.57	
1,100 ft. .2083 mi.		8	3/0	1892	32	95.26	46.97	15.45	79.81	
Equipment.....	27	G-15			25	142.83		35.70	107.13	
	1	K-15			25	5.57	1.25	1.08	4.49	
	Special No. 39				25	91.26	14.61	19.16	72.10	
Ground wire.....	1	L.A.				1.00	.61		1.00	
Labor on trolley, 1.2659 mi. @ \$25 per mi.				1893	40	31.64		12.65	18.99	
Special No. 39					25	80.00		20.00	60.00	
						\$1,462.87	\$309.47	\$544.32	\$918.55	



OVERHEAD TROLLEY CONSTRUCTION.  
South Chicago Ave. from 75th St. to Stony Island Ave. Section No. 26.

Material.	Amount.	Kind	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest.
Poles.....	56	Cedar	30 ft.	1893	68.2	\$532.00	\$ 56.00	\$324.63	\$207.37	
	5	Cedar	30 ft.	1893	68.2	43.75	5.00	26.42	.17.33	
	4	Cedar	35 ft.	1906	9.1	47.00	4.00	3.91	43.09	1/2
	1	Cedar	40 ft.	1906	9.1	15.20	1.00	1.29	13.91	1/2
	1	Cedar	45 ft.	1893	68.2	19.10	1.00	12.34	6.76	
Trolley wire, 6,684 ft 1.2659 mi.			1/0	1893	40	358.26	179.03	71.69	286.57	
1,100 ft. .2083 mi.		8	3/0	1892	32	95.26	46.97	15.45	79.81	
Equipment.....	27	G-15			25	142.83		35.70	107.13	
	1	K-15			25	5.57	1.25	1.08	4.49	
	Special No. 39				25	91.26	14.61	19.16	72.10	
Ground wire.....	1	L.A.				1.00	.61		1.00	
Labor on trolley, 1.2659 mi. @ \$25 per mi.				1893	40	31.64		12.65	18.99	
Special No. 39					25	80.00		20.00	60.00	
						\$1,462.87	\$309.47	\$544.32	\$918.55	

OVERHEAD TROLLEY CONSTRUCTION.

South Chicago Ave. from Stony Island Ave. to 95th St. Section No. 27.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest
Poles.....	152	Cedar	30 ft.	1903	22.7	\$1,444.00	\$152.00	\$293.28	\$1,150.72	
	6	Cedar	30 ft.	1907	4.5	57.00	6.00	2.29	54.71	
	45	Cedar	30 ft.	1904	18.2	427.50	45.00	69.61	357.89	
	3	Cedar	35 ft.	1907	4.5	36.00	3.00	1.48	34.52	
	22	Cedar	35 ft.	1893	68.2	264.00	22.00	165.04	98.96	
	1	Cedar	40 ft.	1893	68.2	15.50	1.00	10.57	4.93	
	7	Cedar	30 ft.	1904	18.2	61.25	7.00	9.87	51.38	
	6	Cedar	35 ft.	1904	18.2	70.50	6.00	11.72	58.78	
	3	Cedar	35 ft.	1904	18.2	35.25	3.00	5.86	29.39	$\frac{1}{2}$
	1	Cedar	45 ft.	1906	9.1	19.10	1.00	1.64	17.46	$\frac{1}{2}$
	1	Cedar	45 ft.	1905	13.6	19.10	1.00	2.46	16.64	$\frac{1}{8}$
	2	Cedar	30 ft.	1906	8	17.50	2.00	1.41	16.09	
	6	Cedar	35 ft.	1893	68.2	70.50	6.00	43.98	26.52	
	8	Iron	25 ft. 4-5-6	1904	10	178.96	13.52	16.64	162.42	
Stubs.....	1	Cedar		1893	68.2	3.00		2.04	.96	
Trolley wire, 26,116 ft.	4.94	62 mi.	1/0	1902	27.7	1,399.82	700.69	193.65	1,206.17	
1,466 ft.	.2776	mi. 8	3/0	1902	21.8	126.95	62.59	14.09	112.86	
698 ft.	.1322	mi.	1/0	1904	18.4	37.41	18.73	3.43	33.98	
882 ft.	.1670	mi.	1/0	1903	23.1	47.28	23.66	5.46	41.82	
870 ft.	.1648	mi. 8	3/0	1893	18.1	75.34	37.14	6.91	68.43	
2,162 ft.	.4095	mi.	1/0	1904	18.4	115.88	58.01	10.65	105.23	
300 ft.	.0568		1/0	1908		16.08	8.05		16.08	
Equipment,	5	J-15			25	33.35	6.25	6.77	26.58	

OVERHEAD TROLLEY CONSTRUCTION. Section No. 27, Continued.

Material	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Equipment.....	55	F-15			25	\$285.45	\$	\$ 71.36	\$214.09
	57	F-12			25	259.50		64.87	194.63
	Special No. 41				25	42.43	6.42	9.00	33.43
	Special No. 44				25	33.88	5.62	7.07	26.81
	Special No. 43				25	53.43	7.80	11.41	42.02
	Special No. 45				25	140.89	27.30	28.39	112.50
Arrester. ....	2	Garton			25	9.38	1.22	2.04	7.34
Crossings.....	4	Insulated			25	16.00	4.80	2.40	13.60
Guy wire.....	500 ft.	Strand 5/16 in.			25	5.62		1.40	4.22
Strains. ....	1	Wood			25	.20		.05	.15
Anchors. ....	5	Iron		1893	75	25.00		18.75	6.25
Labor on trolley,	4.9462 mi. @	\$25 per mi.			27.7	123.65		34.25	89.40
	.2776 mi. @	\$25 per mi.			21.8	5.55		1.21	4.34
	Special No. 41				25	30.00		7.50	22.50
	Special No. 44				25	30.00		7.50	22.50
	Special No. 43				25	50.00		12.50	37.50
	Special No. 45-A				25	18.00		4.50	13.50
	Special No. 45-B				25	65.00		16.25	48.75

OVERHEAD TROLLEY CONSTRUCTION.

95th St. from South Chicago Ave. to Avenue N, Avenue H from 95th St. to 98th St., 98th St. from Avenue N to Avenue L, Avenue L from 98th St. to 108th St., 108th St. from Avenue L to State Line.

Section No. 28.

Material.	Amount	Kind.	Size.	When Installed.	% Dep	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	30	Cedar	35 ft.	1896	54	\$285.00	\$ 30.00	\$137.70	\$147.30
	206	Cedar	30 ft.	1896	54	2,472.00	206.00	1,223.64	1,248.36
	17	Cedar	30 ft.	1893	68.2	148.75	17.00	89.84	58.91
	5	Cedar	35 ft.	1893	68.2	58.75	5.00	36.65	22.10
	1	Cedar	35 ft.	1906	9.1	11.75	1.00	.98	10.77
Stubs.....	9	Cedar		1896	54	27.00		14.58	12.42
Trolley wire, 1,646 ft.	.3117 mi.		1/0	1904	18.4	88.23	44.16	8.11	80.12
3,426 ft.	.6488 mi.		1/0	1904	18.4	183.63	91.92	16.87	166.76
692 ft.	.1311 mi.		1/0	1904	18.4	37.09	18.56	3.41	33.68
13,004 ft.	2.4628 mi.		1/0	1904	18.4	697.01	348.89	64.05	632.96
6,230 ft.	1.1799 mi.		1/0	1904	18.4	333.93	167.15	30.75	303.18
192 ft.	.0363 mi.		1/0	1904	18.4	10.29	5.15	.94	9.35
552 ft.	.1045 mi.		1/0	1904	18.4	29.59	14.81	2.72	26.81
560 ft.	.1060 mi.		1/0	1904	18.4	30.02	15.02	2.76	27.26
550 ft.	.1041 mi.		1/0	1904	18.4	29.48	14.76	2.70	26.78
Equipment.....	13	J-15			25	86.71	18.75	16.99	69.72
	116	F-15			25	602.04		150.51	452.53
	Special No. 46				25	30.93	3.42	6.88	24.05
	Special No. 47				25	33.08	3.24	7.46	25.62
	Special No. 48				25	35.89	3.78	8.03	27.86
	Special No. 49				25	33.92	3.94	7.49	26.43
Ground wire.....	13	L.A.				13.00	7.93		13.00
Insulators.....	2	Brooklyn			25	1.24		.31	.93
	2	Section			25	5.00	1.20	.97	4.03

**OVERHEAD TROLLEY CONSTRUCTION. Section No. 28, Continued.**

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value
Anchors. . . . .	19	Iron		1896	60	\$95.00		\$57.00	\$38.00
	8	Strombaugh		1896	60	28.00		16.80	11.20
Labor on trolley . . . . .	Special No. 46				25	20.00		5.00	15.00
	Special No. 47				25	25.00		6.25	18.75
	Special No. 48				25	20.00		5.00	15.00
	Special No. 49				25	25.00		6.25	18.75
	.3117 mi. @ \$25 per mi.			1904	18.4	7.97		1.46	6.51
	.6488 mi. @ \$25 per mi.			1904	18.4	16.22		2.98	13.24
	.1311 mi. @ \$25 per mi.			1904	18.4	3.27		.60	2.67
	2.4638 mi. @ \$25 per mi.			1904	18.4	61.57		11.32	50.25
	1.1799 mi. @ \$25 per mi.			1904	18.4	29.49		5.42	24.07
						<hr/>			
						\$5,615.85	\$1,021.68	\$1,952.42	\$3,663.43



OVERHEAD TROLLEY CONSTRUCTION.

Mackinaw Ave. from 91st St. to 89th St. from Mackinaw Ave. to Strand Ave., Mackinaw Ave. from 91st St. to Harbor Ave., 93rd St. from Harbor Ave. to Erie Ave., Harbor Ave. from Mackinaw Ave. to 93rd St. Section No. 29.

Material	Amount.	Kind.	Size.	When Installed	% Dep	Cost New	Scrap Value.	Depreciation.	Present Value.
Poles.....	95	Cedar	30 ft.	1893	68.2	\$821.25	\$ 95.00	\$502.10	\$319.15
	3	Cedar	35 ft.	1893	68.2	35.25	3.00	21.99	13.26
	1	Cedar	30 ft.	1904	18.2	8.75	1.00	1.41	7.34
	1	Cedar	45 ft.	1893	68.2	19.10	1.00	12.34	6.76
Stubs.....	1	Cedar		1893	68.2	3.00		2.04	.96
Trolley wire, 1,110 ft.	.2102 mi.		1/0	1893	58.5	59.50	29.78	17.39	42.11
613 ft.	.1161 mi.		1/0	1893	58.5	32.86	16.44	9.61	23.25
449 ft.	.0850 mi.		1/0	1893	58.5	24.07	12.05	7.03	17.04
795 ft.	.1507 mi.		1/0	1893	58.5	42.61	21.32	12.45	30.16
803 ft.	.1521 mi.		1/0	1893	58.5	43.04	21.54	12.57	30.47
472 ft.	.0894 mi.		1/0	1904	13.6	25.30	12.66	3.99	21.31
196 ft.	.0371 mi.		1/0	1893	58.5	10.51	5.26	3.07	7.44
83 ft.	.0157 mi.		1/0	1893	58.5	4.45	2.23	1.89	2.56
Equipment.....	41	I-17			25	145.39		28.85	126.54
	1	K-17			25	5.57	1.25	1.08	4.49
	Special No. 50				25	29.12	4.03	6.27	22.85
	Special No. 51				25	15.61	1.54	3.52	12.09
	Special No. 52				25	7.32	1.26	1.51	5.81
Ground wire.....	1	L.A.				1.00	.64		1.00
Insulators.....	1	Brooklyn			25	.62		.15	.47
Labor on trolley.....	Special No. 50				25	25.00		6.25	18.75
	Special No. 51				25	18.00		4.50	13.50

## OVERHEAD TROLLEY CONSTRUCTION. Section No. 29, Continued.

Material.	Amount	Kind.	Size.	When Installed.	% Dep	Cost New.	Scrap Value.	Depreciation.	Present Value.
Labor on trolley.....	Special No. 52								
	.2102 mi.	@	\$25 per mi.	1893	25	\$25.00		\$6.25	\$18.75
	.1161 mi.	@	\$25 per mi.	1893	58.5	5.25		3.07	2.18
	.0850 mi.	@	\$25 per mi.	1893	58.5	2.90		1.69	1.21
	.1707 mi.	@	\$25 per mi.	1893	58.5	2.12		1.24	.88
	.1521 mi.	@	\$25 per mi.	1893	58.5	3.77		2.20	1.57
				1893	58.5	3.80		2.22	1.58
						\$1,430.16	\$229.97	\$676.68	\$753.48

OVERHEAD TROLLEY CONSTRUCTION.

91st St. from South Chicago Ave. to Mackinaw Ave., Erie Ave. from 91st St. to South Chicago Ave., 93rd St. from Erie Ave. to South Chicago Ave. Section No. 30.

Material	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.	Calumet Interest.
Poles.....	7	Cedar	30 ft.	1893	68.2	\$ 61.25	\$ 7.00	\$ 36.99	\$ 24.26	
	2	Cedar	30 ft.	1905	13.6	17.50	2.00	2.10	15.40	
	83	Cedar	30 ft.	1906	9.1	726.25	83.00	58.53	667.72	
	2	Cedar	30 ft.	1906	9.1	17.50	2.00	1.41	16.09	1/2
	6	Cedar	35 ft.	1893	68.2	70.50	6.00	43.98	26.52	
	3	Cedar	35 ft.	1906	9.1	35.25	3.00	2.93	32.32	1/2
	4	Cedar	40 ft.	1906	9.1	60.80	4.00	5.16	55.64	1/2
	1	Cedar	45 ft.	1904	18.2	19.10	1.00	3.29	15.81	1/2
	1	Cedar	55 ft.	1906	9.1	22.35	1.00	1.94	20.41	1/2
	1	Cedar	60 ft.	1906	9.1	25.00,	1.00	2.18	22.82	1/2
Trolley wire, 4,939 ft. .	.9354 mi.		1/0	1896	43.56	264.73	132.51	57.58	207.15	
841 ft. .	.1592 mi.	8	3/0	1896	43.56	72.83	35.91	16.08	56.75	
2,942 ft. .	.5572 mi.	8	3/0	1896	43.56	254.77	125.62	56.25	198.52	
1,156 ft. .	.2189 mi.	8	3/0	1896	43.56	100.10	49.36	22.10	78.00	
450 ft. .	.0852 mi.		1/0	1905	10.89	24.12	12.15	1.21	22.91	
450 ft. .	.0852 mi.	8	3/0	1896	43.56	38.97	19.22	8.60	30.37	
1013 ft. .	.1918 mi.	8	3/0	1893	46.8	87.72	43.25	20.81	66.91	
Equipment ..	.47 sets	F 15			25	243.93		60.98	182.95	
	Special No. 54				25	76.17	12.74	15.86	60.31	
	Special No. 53				25	76.19	14.33	15.46	60.73	
Crossings.....	12	Insulated			25	48.00	14.40	8.40	39.60	
Labor on trolley, .9359 mi @ \$25 per mi.				1896	43.56	23.38		10.18	13.20	
.1592 mi. @ \$25 per mi.				1896	43.56	3.98		1.73	2.25	
.5572 mi. @ \$25 per mi.				1896	43.56	13.93		6.06	7.87	
.2189 mi. @ \$25 per mi.				1896	43.56	5.47		2.38	3.09	
	Special No. 53				25	60.00		15.00	45.00	
	Special No. 54				25	50.00		12.50	37.50	

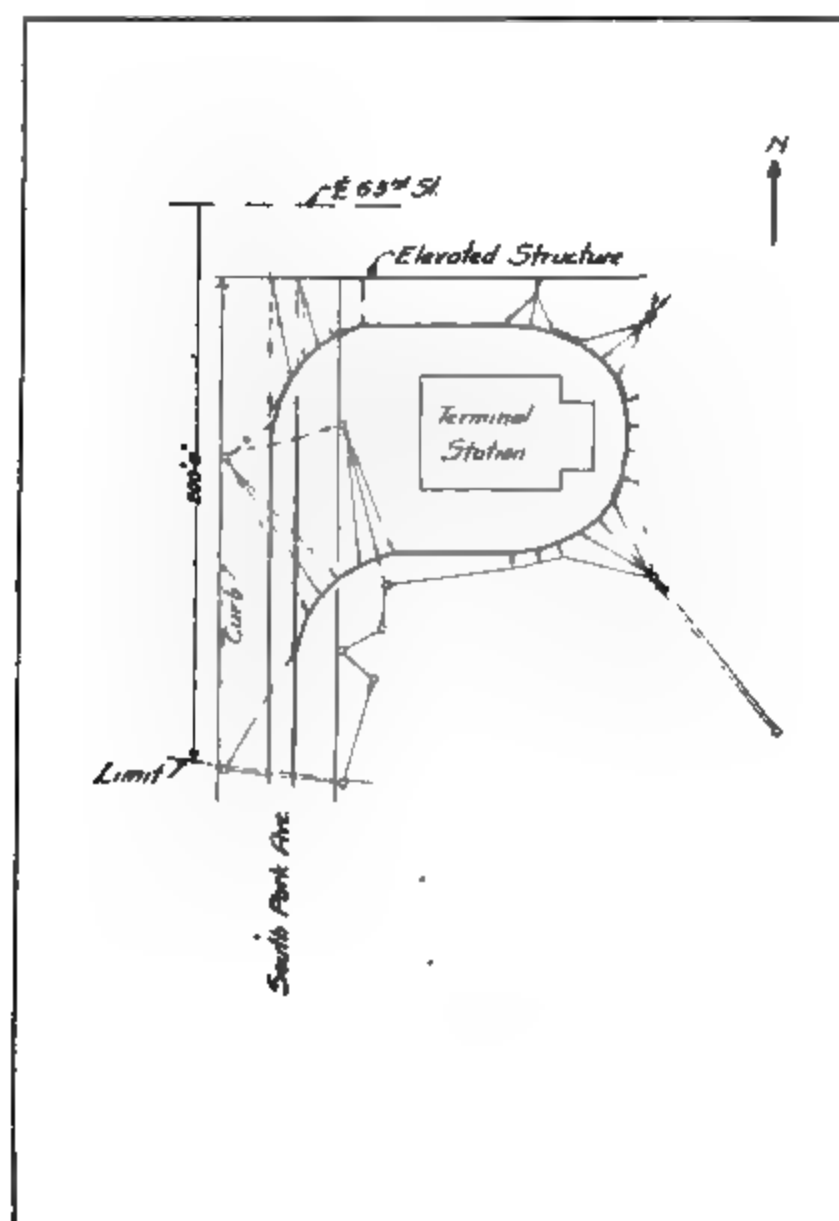
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OVERHEAD TROLLEY CONSTRUCTION.

93rd St. from South Chicago Ave. to Stony Island Ave. Section No. 31.

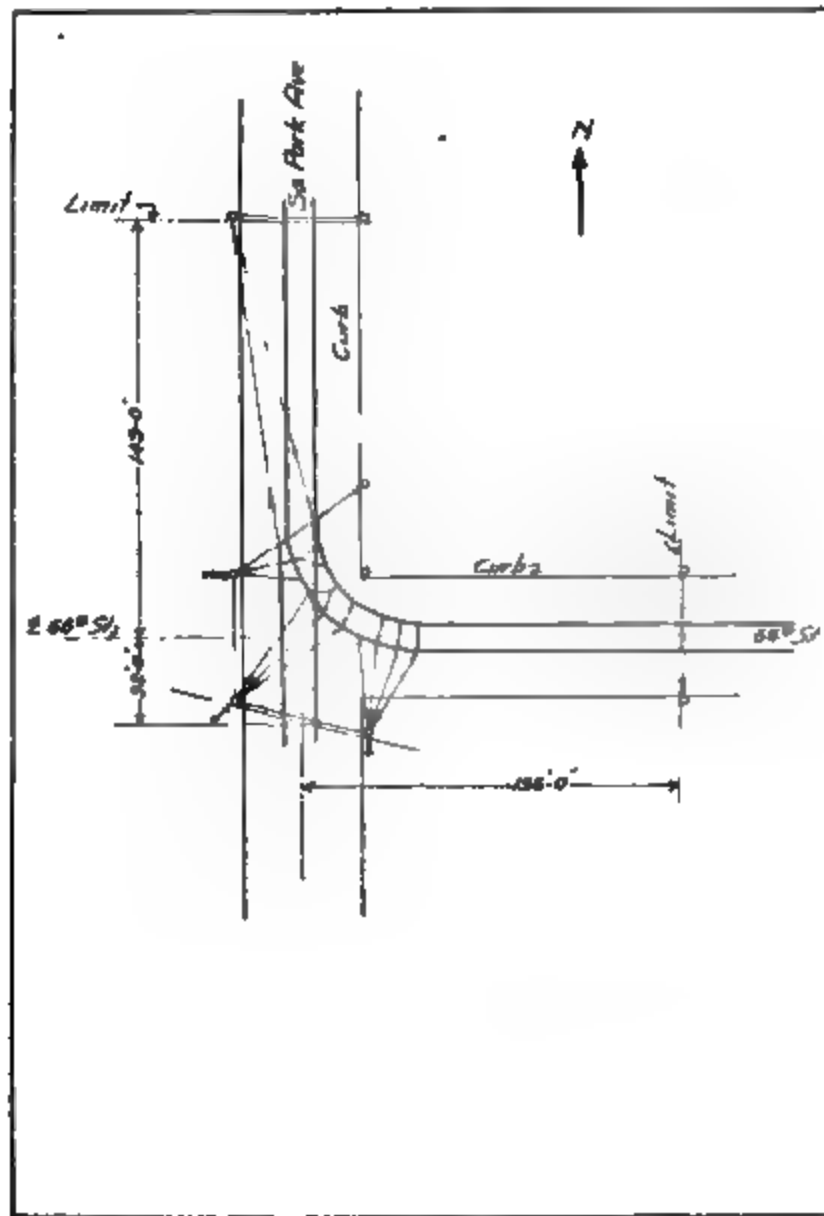
Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value	Calumet Interest.
Poles.....	103	Cedar	30 ft.	1893	68.2	\$901.25	\$103.00	\$544.40	\$356.85	
	50	Cedar	30 ft.	1893	68.2	500.00	50.00	306.90	193.10	
	2	Cedar	30 ft.	1906	9.1	17.50	2.00	1.41.	16.09	
	1	Cedar	30 ft.	1907	4.5	8.75	1.00	.34	8.41	
	2	Cedar	45 ft.	1907	4.5	38.20	2.00	1.62	36.58	1/2
Stubs.....	2	Cedar		1893	68.2	6.00		4.08	1.92	
Trolley wire, 17,418 ft.	3.2988 mi.		1/0	1893	54.45	933.60	467.32	253.90	679.70	
	796 ft.		1/0	1907	4.6	42.67	21.36	.99	41.68	
	420 ft.		1/0	1907	3.63	22.50	11.27	.40	22.11	
Equipment.....	51	F-15			25	264.69		66.17	198.52	
	12	J-15			25	80.04	15.00	16.26	63.78	
	Special No. 42				25	38.41	5.78	8.16	30.25	
	Special No. 55				25	25.58	2.96	5.65	19.93	
Ground wire.....	1	L.A.				1.00	.61		1.00	
Guy wire.....	100 ft.	Strand, 5/16			25	1.12		.28	.84	
Insulator.....	1	Brooklyn			25	.62		.15	.47	
Anchors. ....	1	Iron		1893	75	5.00		3.75	1.25	
Labor on trolley. . .	Special No. 42				25	30.00		7.50	22.50	
	Special No. 55				25	20.00		5.00	15.00	
	3.2988 mi. @ \$25 per mi.			1893	54.45	82.47		44.90	37.57	
							\$3,019.41	\$682.30	\$1,271.86	\$1,747.55

# 190 VALUATION—CALUMET ELECTRIC STREET RAILWAY.



**OVERHEAD SPECIAL WORK.  
LAYOUT NO. 1.  
South Park Ave. Loop.**

		Cost New	Scrap Value
4 eye bolts.....	@ \$ .12	\$ .48	.....
3 special strains.....	@ .20	.60	.....
63 wood strains.....	@ .20	12.60	.....
7 globe strains.....	@ .28	1.96	.....
4 Brooklyn insulators.....	@ .62	2.48	.....
5 straight line hangers.....	@ .45	2.25	.....
28 single curve hangers.....	@ .39	10.92	.....
2 barn hangers.....	@ .45	.90	.....
35 ears (plain).....	@ .35	12.25	\$3.50
2 splicing ears..	@ .50	1.00	.44
50 ft. of arrester ground.....	@ 2.95	2.95	1.60
1 trolley frog.....	@ 3.00	.67	.....
4 iron hooks 12 in. ....	@ .12	.48	.....
1 4 in iron ring .....	@ .10	.10	.....
30 ft. 1/2 in. strand wire.....	@ .03	.90	.....
37 ft. 3/8 in. strand wire. .	@ .01125	.41	...
1610 ft. 1/4 in strand wire...	@ .0076	12.23	.....
4 ft. 12 in. wood trough. ....	@ .50	2.00	.....
		<hr/>	
		\$67.51	\$6.21
Labor .....		70.00	

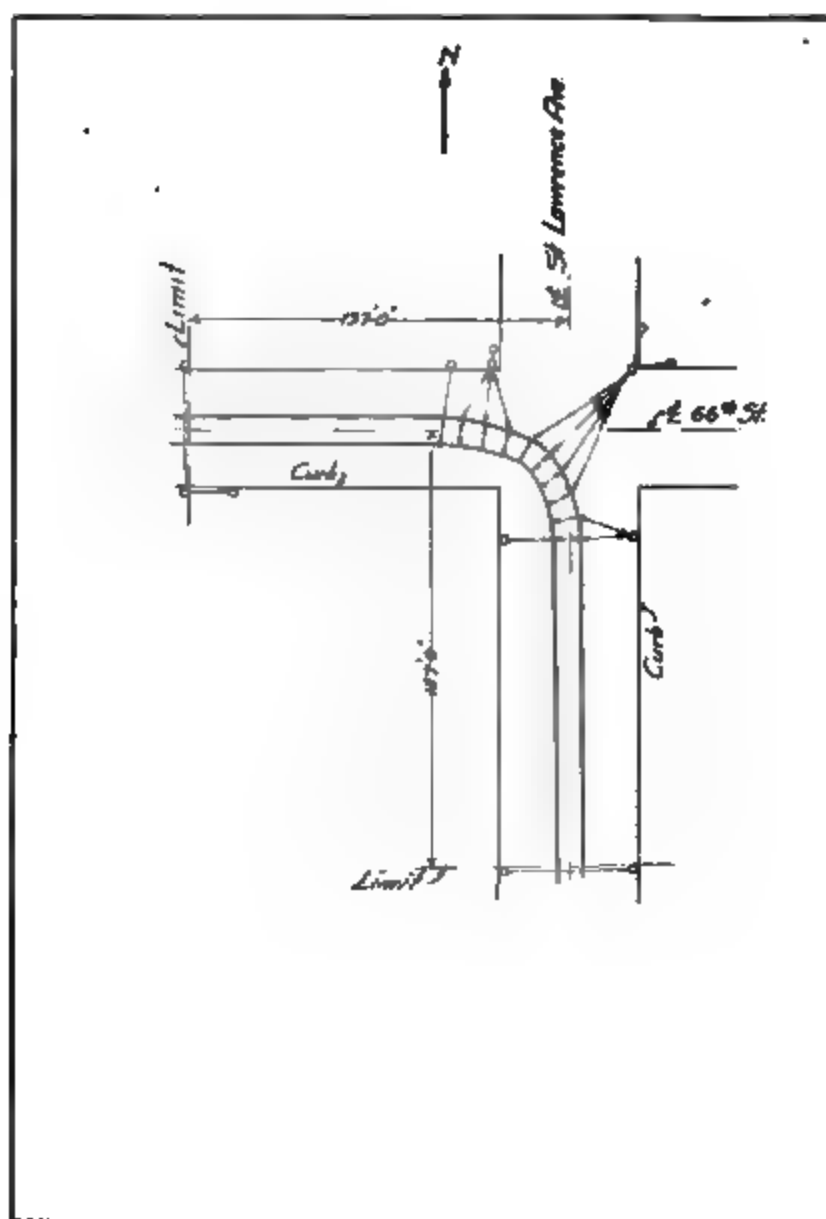


## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 2.

60th St. and South Park Ave.

		Cost New	Scrap Value
5 special strains.....	@ \$ .20	\$ 1.00	.....
38 wood strains .....	(a) .20	7.60	.....
1 globe strain .....	(a) .28	.28	.....
3 Brooklyn insulators.....	@ .62	1.86	.....
2 straight line hangers.....	(a) .45	.90	.....
8 double curve hangers .....	(a) .59	4.72	.....
9 single curve hangers .....	(a) .39	3.51	.....
19 plain ears .....	(a) .55	10.45	\$3.42
6 splicing ears .....	(a) .50	3.00	1.32
2 trolley frogs .....	(a) 3.00	6.00	1.34
6 eye bolts.....	(a) .12	.72	.....
920 ft. of strand wire.....	(a) 01125	10.35	.....
		<hr/>	<hr/>
		\$50.39	\$6.08
Labor .....		30.00	

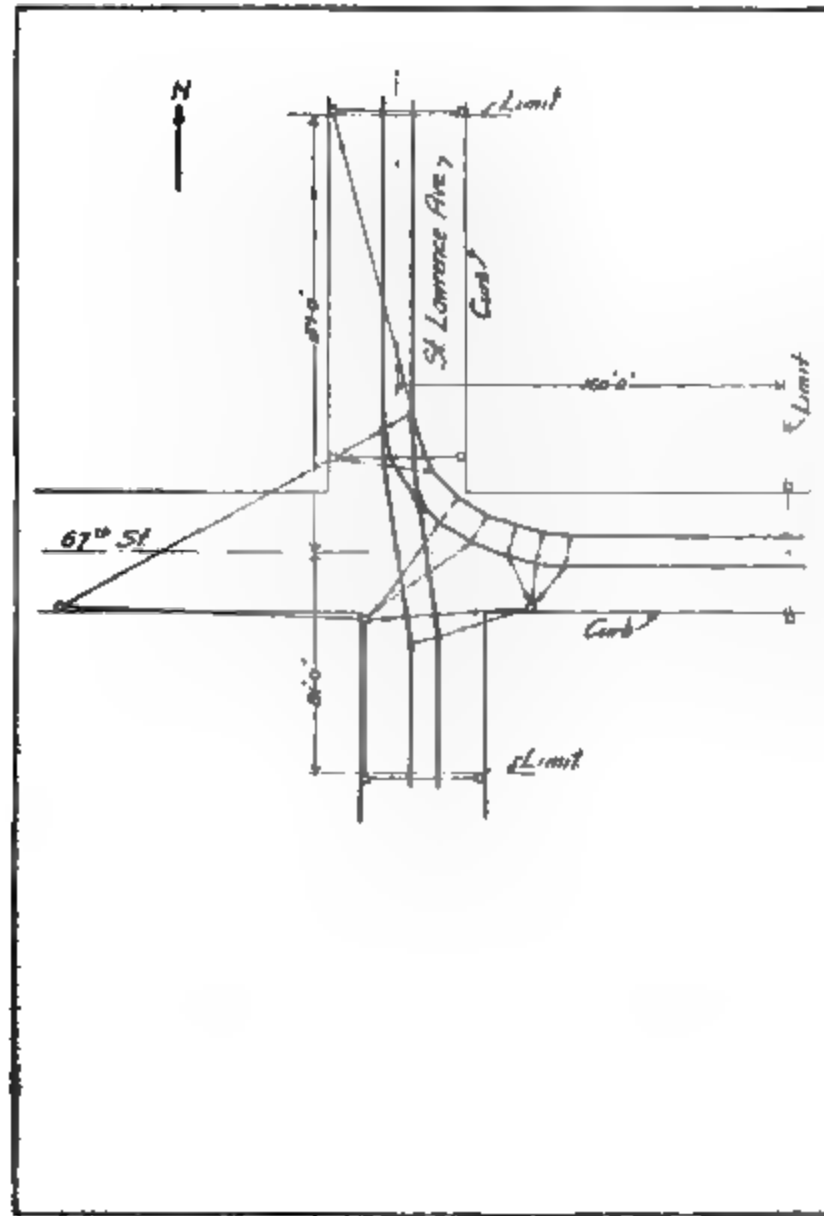


**OVERHEAD SPECIAL WORK.**

**LAYOUT NO. 3.**

**66th St. and St. Lawrence Ave.**

		Cost New	Scrap Value
3 eye bolts . . . . .	@ \$ .12	\$ .36	.....
35 wood strains . . . . .	@ .20	7.00	.....
2 globe strains . . . . .	@ .28	.56	.....
1 Brooklyn insulator . . . . .	@ .62	.62	.....
11 double curve hangers . . . . .	@ .59	6.49	.....
9 single curve hangers . . . . .	@ .39	3.51	.....
18 plain ears . . . . .	@ .55	9.90	\$3.24
4 special strains . . . . .	@ .20	.80	.....
1 5 in. iron ring . . . . .	@ .10	.10	.....
580 ft. 1/4 in. strand wire . . . . .	@ .01125	6.52	.....
		<hr/>	
		\$35.86	\$3.24
Labor . . . . .		25.00	



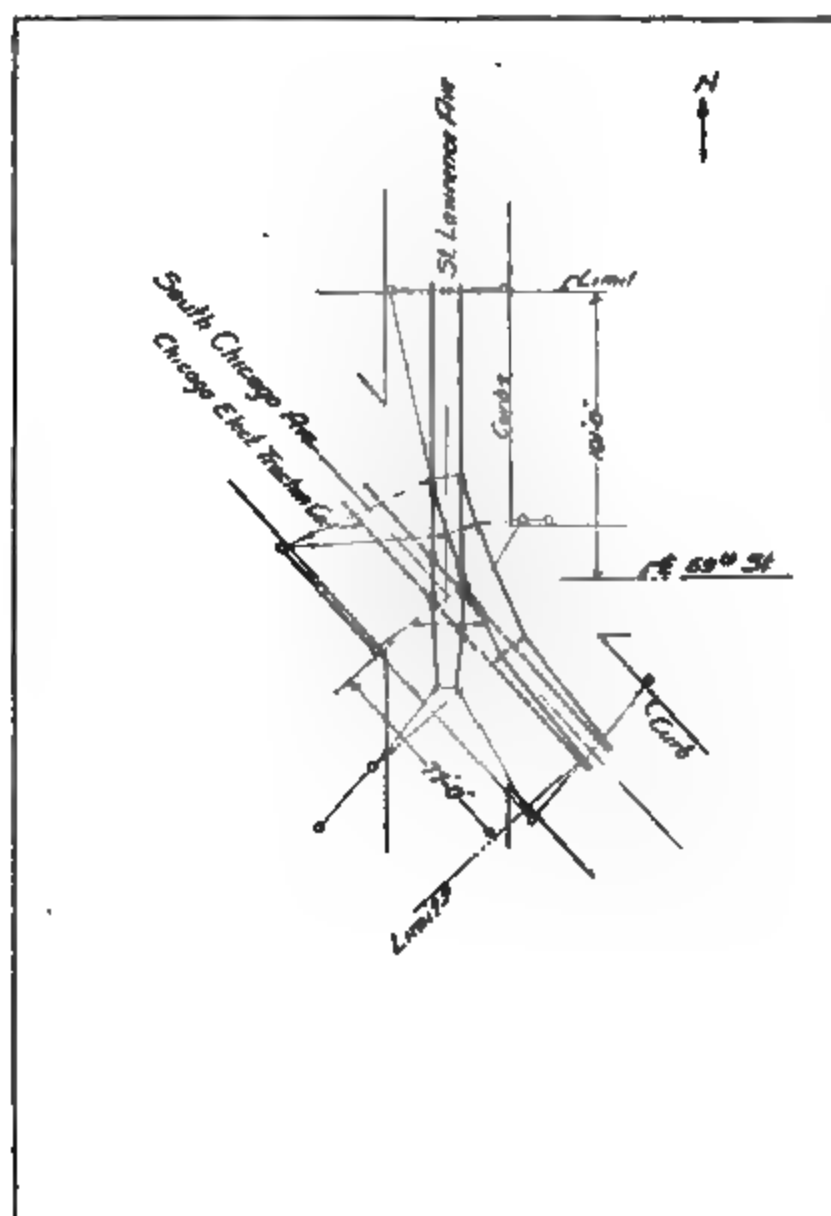
## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 4.

67th St. and St. Lawrence Ave.

		Cost New	Scrap Value
6 eye bolts .....	@ \$ .12	\$ .72	.....
34 wood strains .....	@ .20	6.80	.....
3 globe strains .....	@ .28	.84	.....
3 Brooklyn insulators .....	@ .62	1.86	.....
3 straight line hangers .....	@ .45	1.35	.....
10 double curve hangers .....	@ .39	2.73	.....
20 ears .....	@ .55	11.00	\$3.60
3 splicing ears .....	@ .50	1.50	.66
811 ft. $\frac{1}{8}$ in. strand wire .....	@ .01125	9.12	...
3 trolley frogs .....	@ 3.00	9.00	2.00
		<hr/>	<hr/>
		\$50.82	\$6.26
Labor .....		45.00	



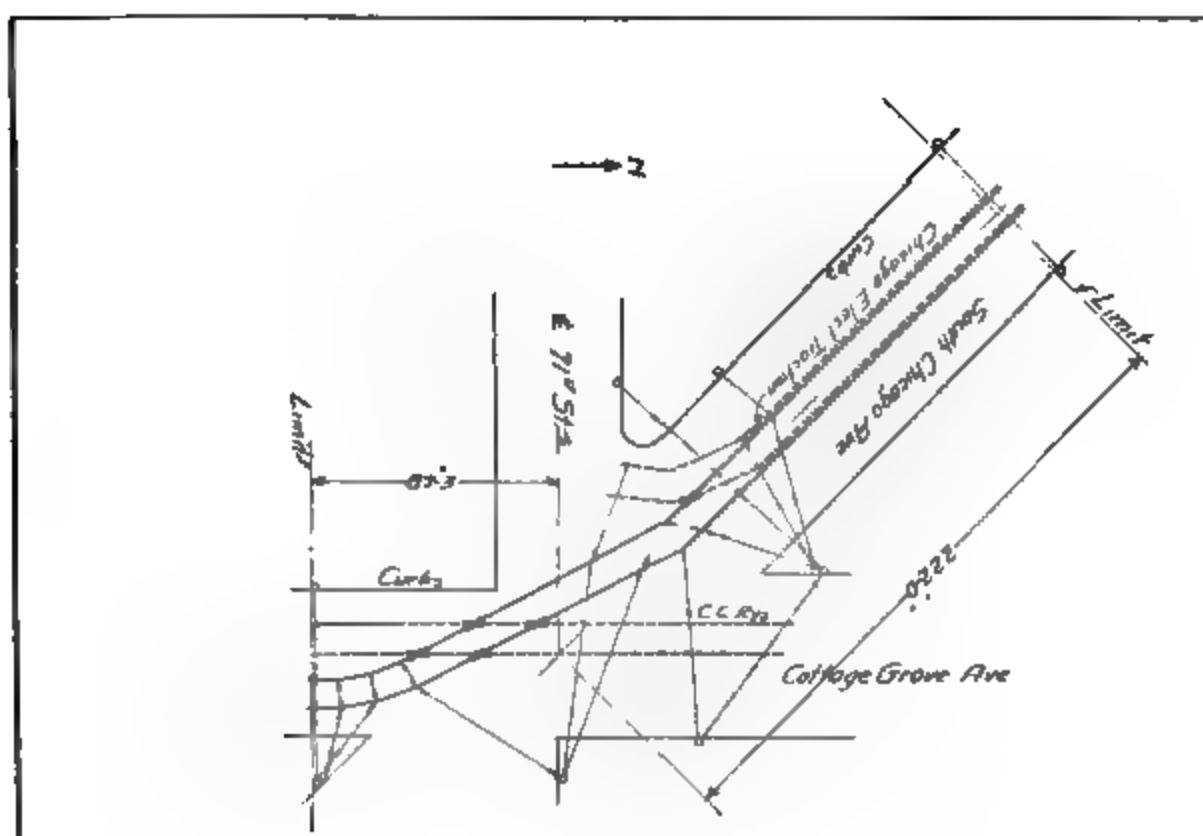


## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 5.

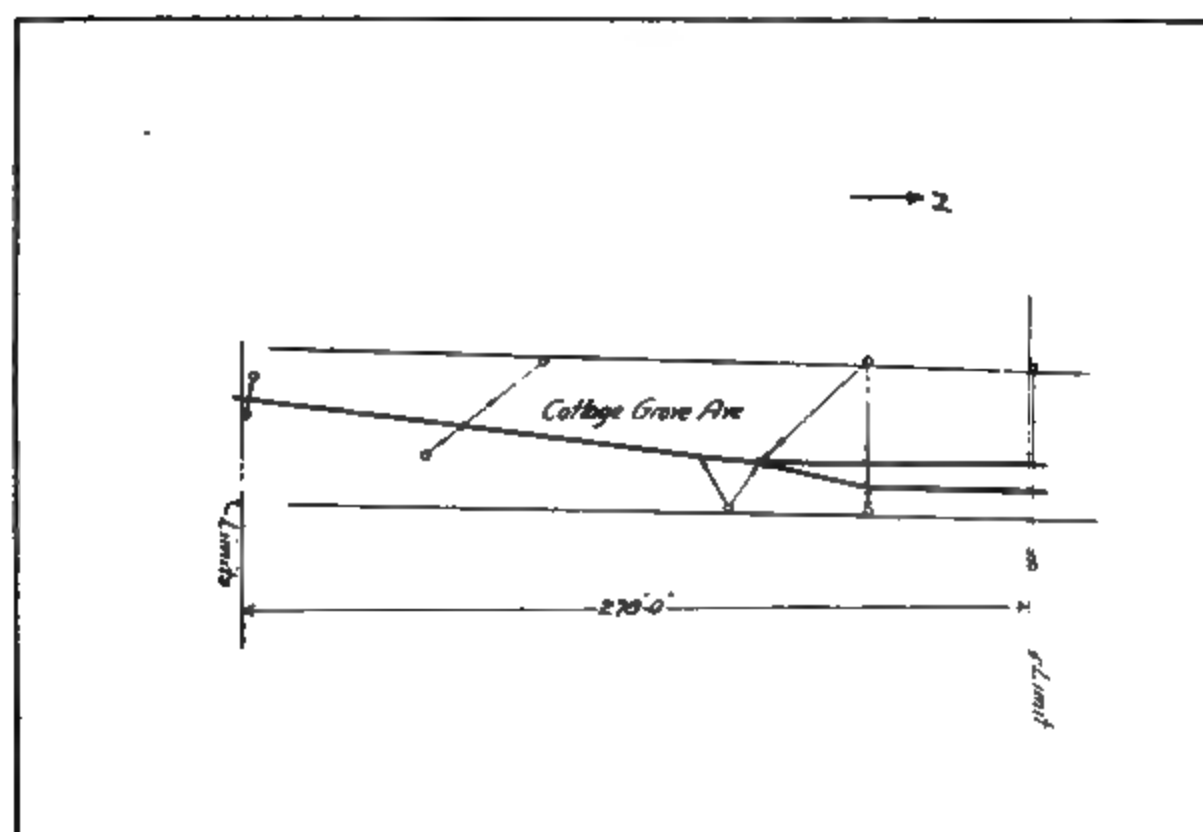
South Chicago Ave. and St. Lawrence Ave.

		Cost New	Scrap Value
2 eye bolts.....	@ \$ .12	\$ .24	.....
16 wood strains .....	@ .20	3.20	.....
4 Brooklyn insulators ..	@ .62	2.48	.....
4 straight line hangers.....	@ .45	1.80	.....
3 double curve hangers.....	@ .59	1.77	.....
2 single curve hangers.....	@ .39	.78	.....
8 plain ears.....	@ .55	4.40	\$1.44
3 splicing ears.....	@ .50	1.50	.66
5 insulated crossings .....	@ 4.00	20.00	6.00
3 trolley frogs ..	@ 3.00	9.00	2.00
900 ft. $\frac{1}{8}$ in strand wire ..	@ 01125	10.12	.....
		<hr/>	<hr/>
		\$55.29	\$10.10
Labor ..		50.00	



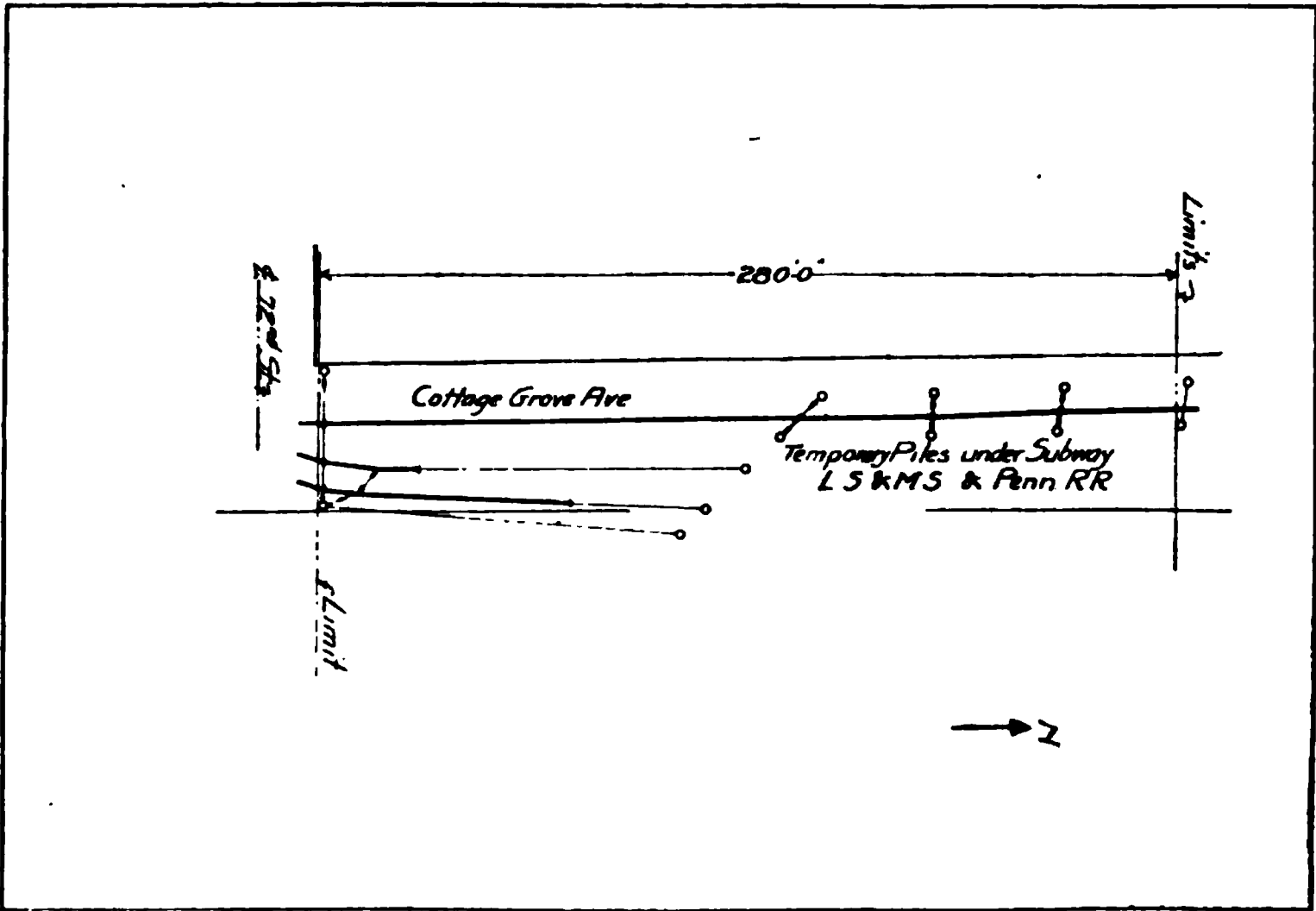
LAYOUT NO. 6A.

South Chicago Ave. and Cottage Grove Ave.

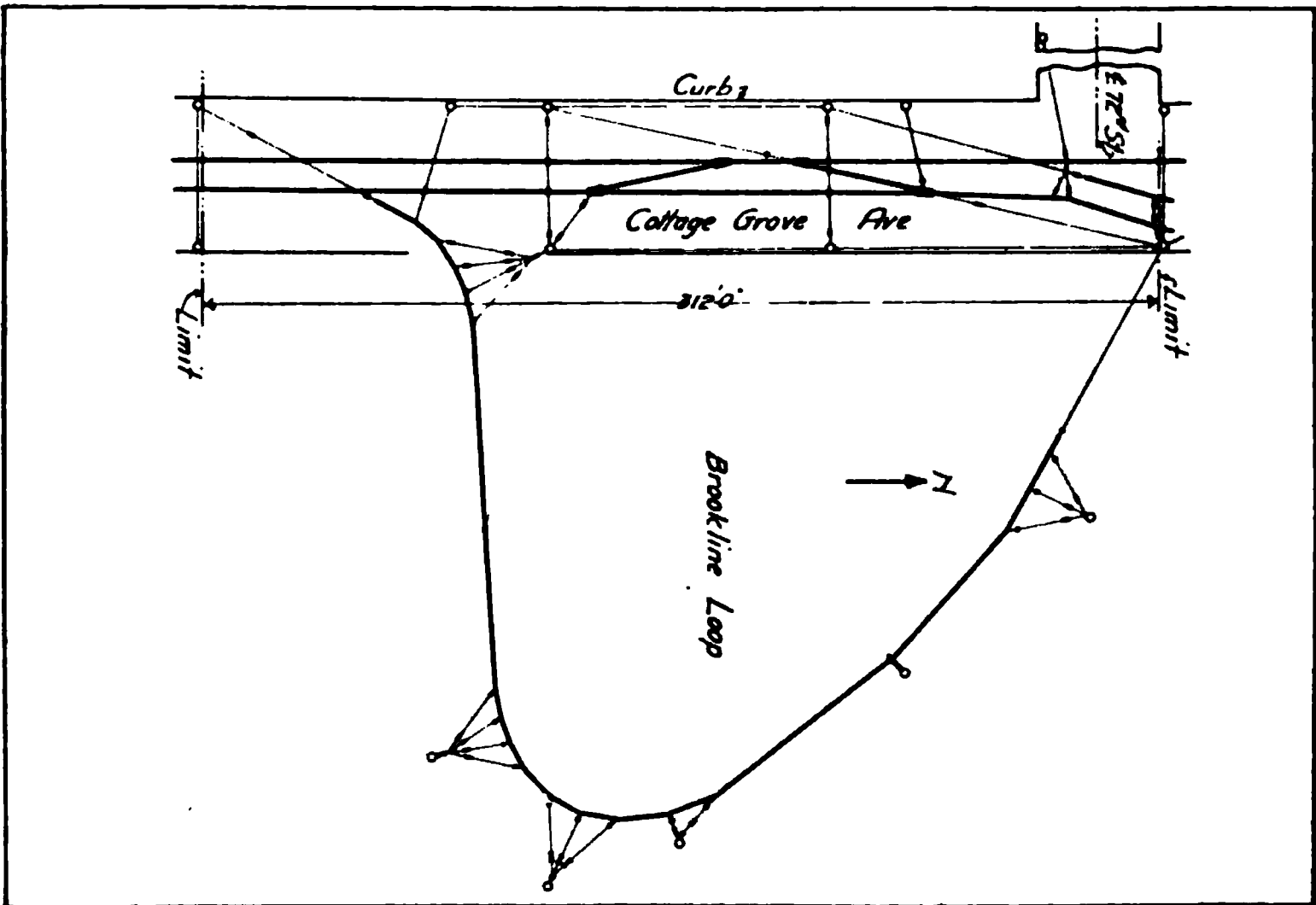


LAYOUT NO. 6B.

South Chicago Ave. and Cottage Grove Ave.



LAYOUT NO. 6C.  
South Chicago Ave. and Cottage Grove Ave.



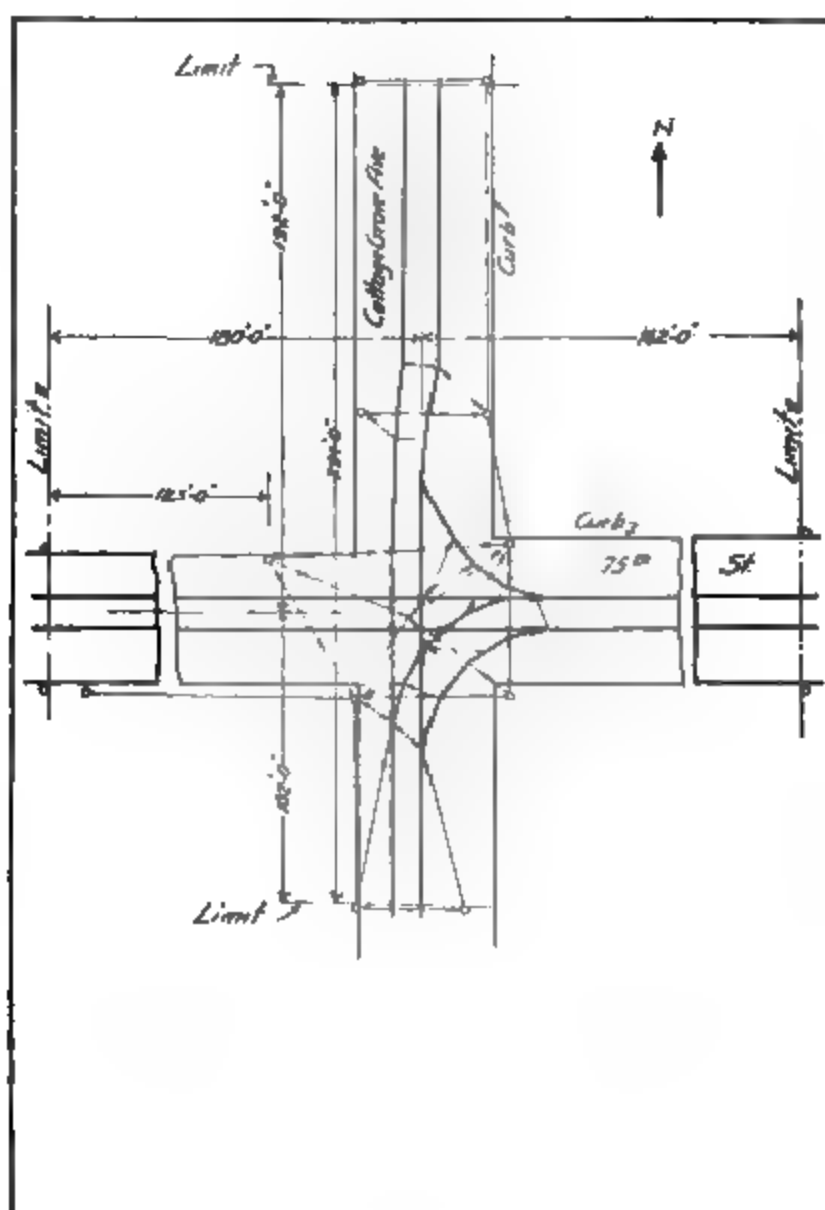
LAYOUT NO. 7.  
Brooklyn Loop.

OVERHEAD SPECIAL WORK.

LAYOUT NO. 6 (A, B & C) AND NO. 7.

South Chicago Ave. and Cottage Grove Ave. Brooklyn Loop.

		Cost New	Scrap Value
6 special strains .....	@ \$ .20	\$ 1.20	.....
85 wood strains .....	@ .20	17.00	.....
21 globe strains .....	@ .28	5.88	.....
8 Brooklyn insulators .....	@ .62	4.96	.....
24 straight line hangers.....	@ .45	10.80	.....
11 double curve hangers .....	@ .59	6.49	.....
26 single curve hangers .....	@ .39	10.14	.....
1 barn hanger .....	@ .45	.45	.....
52 plain ears .....	@ .55	28.60	\$9.36
12 splicing ears .....	@ .50	6.00	2.64
2 tap ears .....	@ .50	1.00	.44
5 iron rings .....	@ .10	.50	.....
25 eye bolts .....	@ .12	3.00	.....
1 6 ft. mast arm.....	@ 1.60	1.60	.....
3,225 ft. 1/8 in. strand wire.....	@ .01125	36.28	.....
45 ft. 1/8 in. iron rod.....	@ .015	.67	.....
5 7 ft. mast arms.....	@ 1.75	8.75	.....
2 16 ft. mast arms.....	@ 3.00	6.00	.....
5 insulated crossings .....	@ 4.00	20.00	6.00
5 trolley frogs .....	@ 3.00	15.00	3.35
		<hr/>	<hr/>
		\$184.32	\$21.79
Labor .....		85.00	

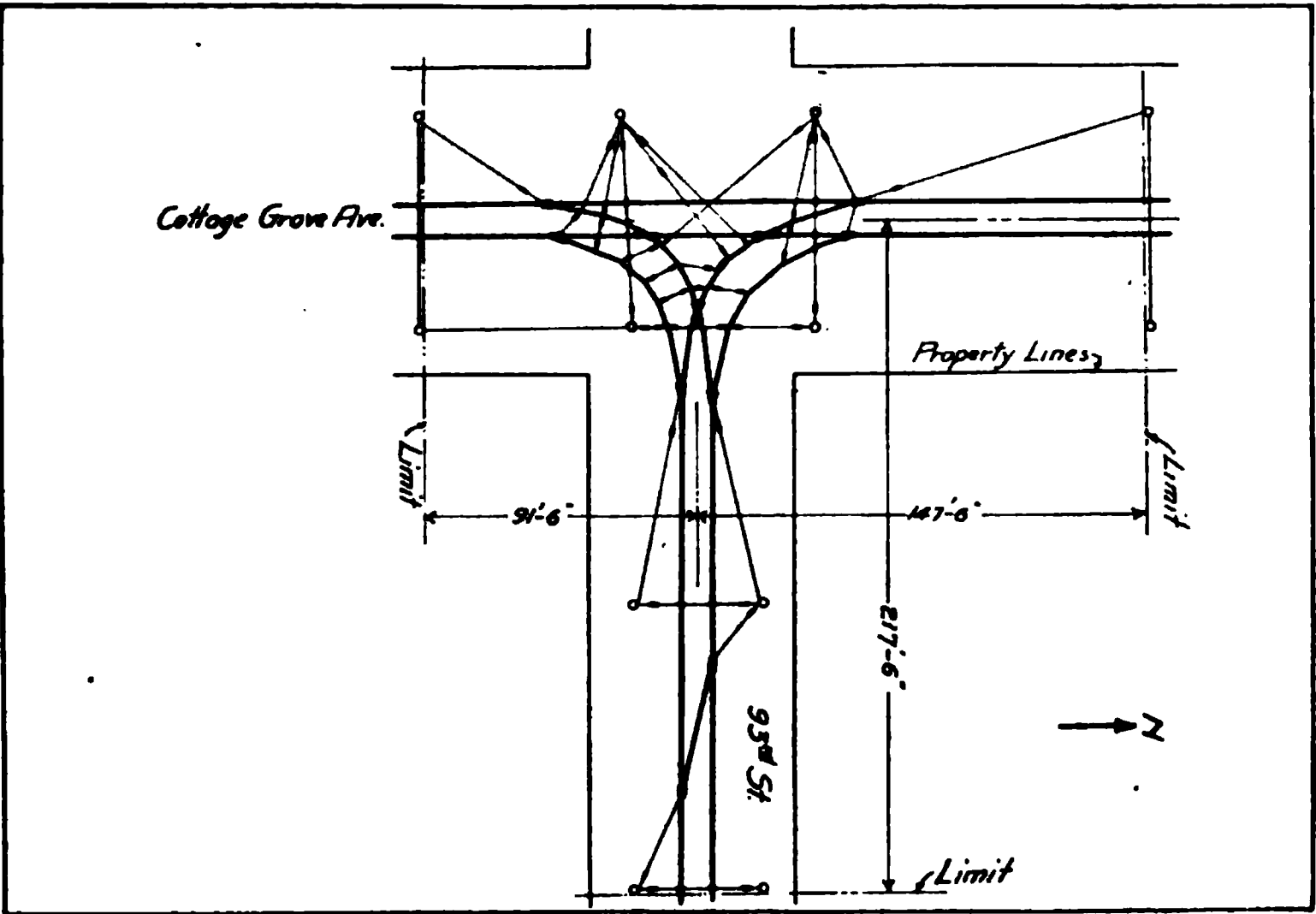


## OVERHEAD SPECIAL WORK.

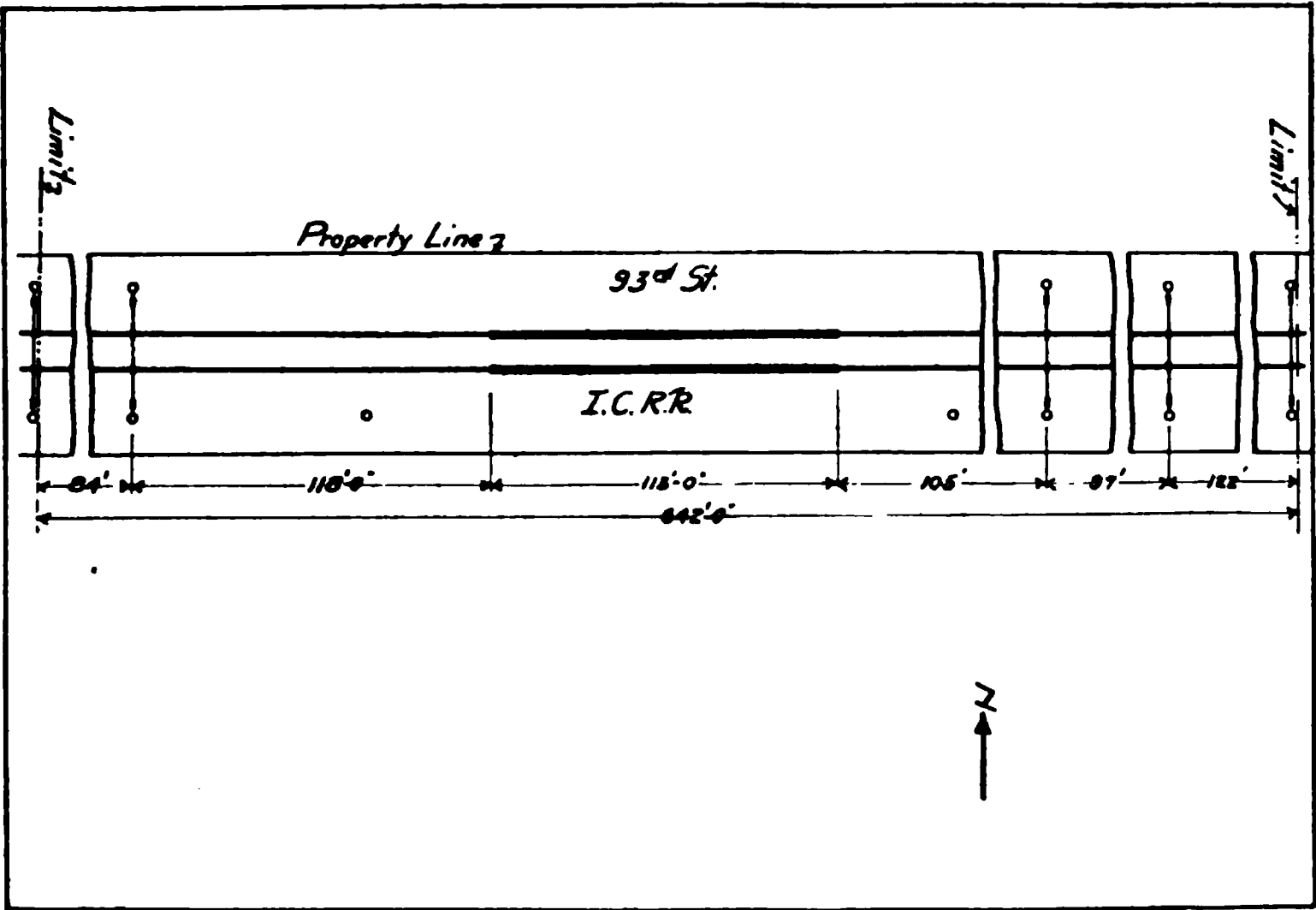
## LAYOUT NO. 8.

## 75th St. and Cottage Grove Ave.

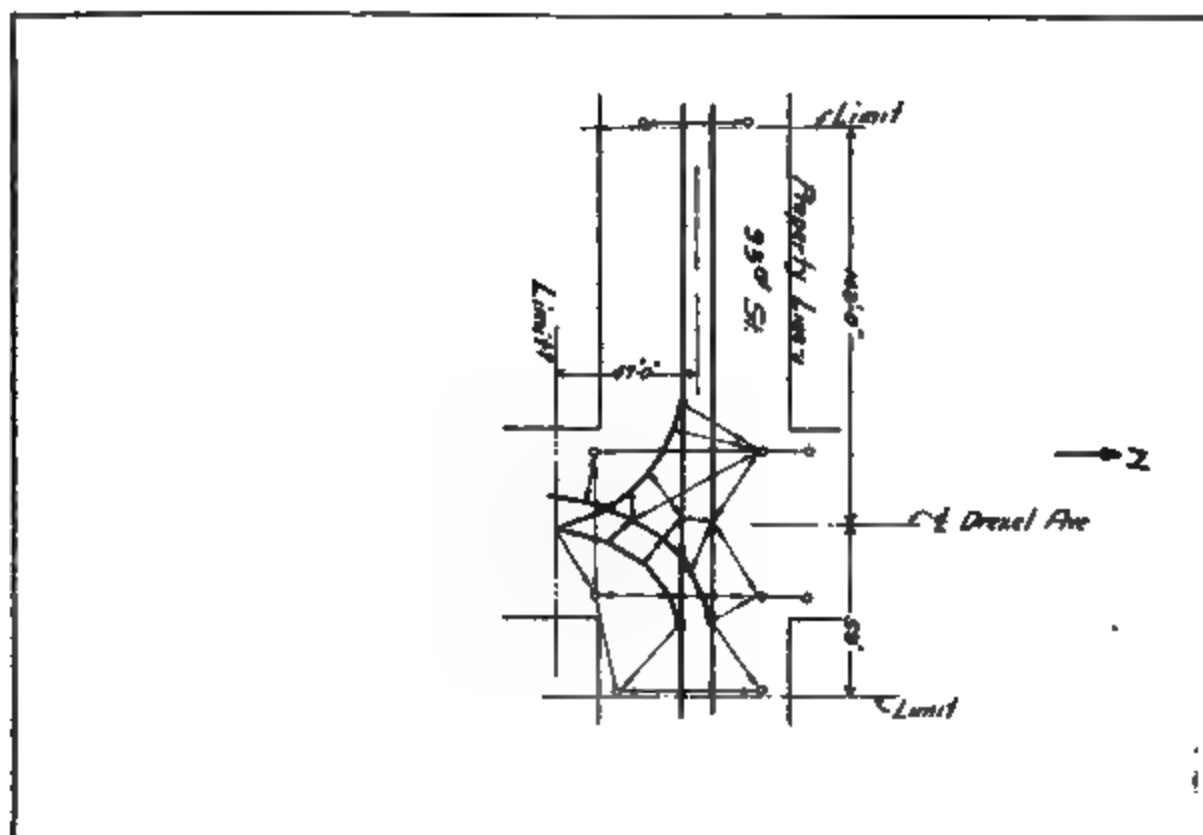
		Cost New	Scrap Value
8 eye bolts .....	@ \$ .12	\$ .96	.....
44 wood strains .....	@ .20	8.80	.....
1 globe strain .....	@ .28	.28	.....
1 Brooklyn insulator .....	@ .62	.62	.....
8 straight line hangers .....	@ .45	3.60	.....
6 double curve hangers .....	@ .59	3.54	.....
7 single curve hangers .....	@ .39	2.73	.....
6 special strains .....	@ .20	1.20	.....
1 iron ring .....	@ .10	.10	.....
21 plain ears.....	@ .55	11.55	\$3.78
15 splicing ears .....	@ .50	7.50	3.30
4 solid crossings .....	@ 3.00	12.00	4.80
8 trolley frogs .....	@ 3.00	24.00	5.36
1,668 ft. $\frac{1}{8}$ in. strand wire .....	@ .01125	18.76	.....
		<u>\$95.64</u>	<u>\$17.24</u>
Labor .....		70.00	



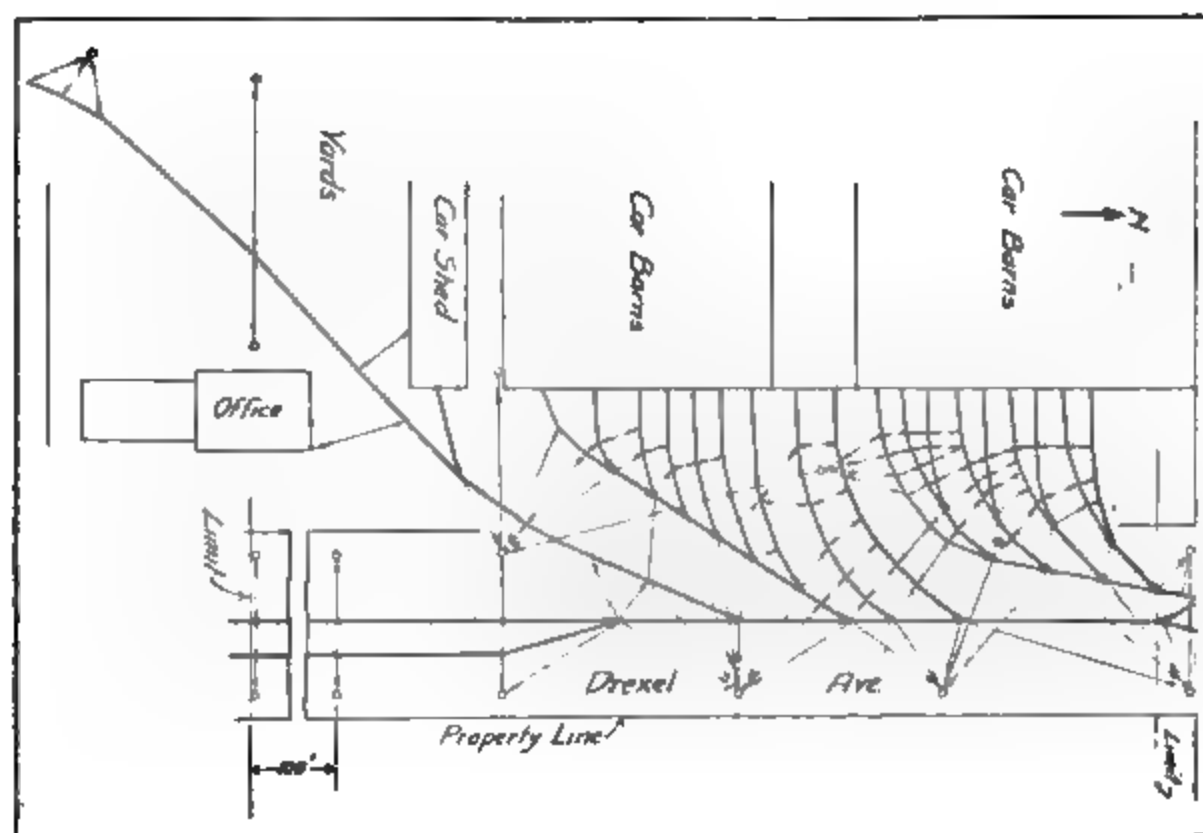
LAYOUT NO. 9A.  
93d St. and Cottage Grove Ave.



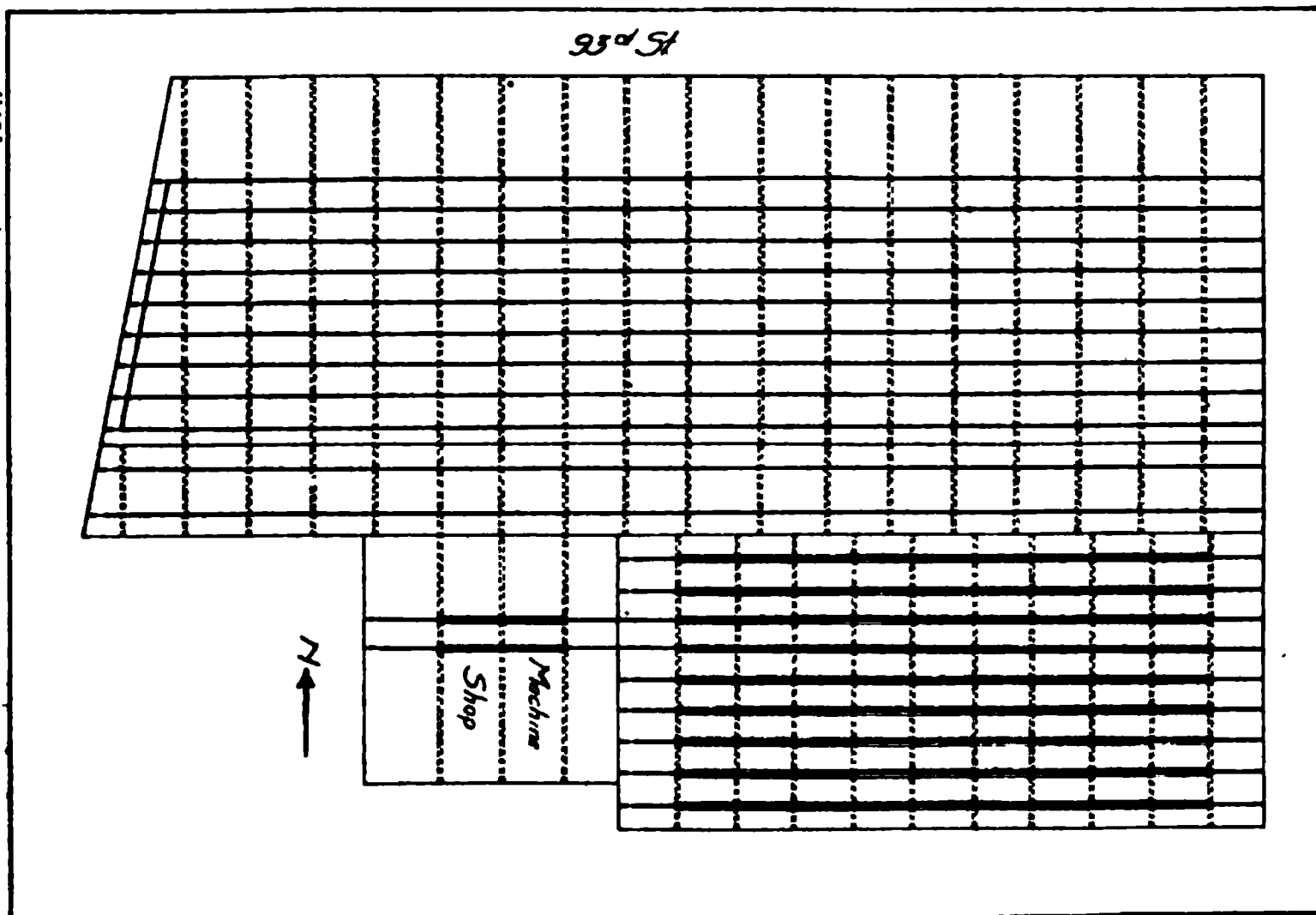
LAYOUT NO. 9B.  
93d St. and Cottage Grove Ave.



LAYOUT NO. 9C.  
93d Street Barns.

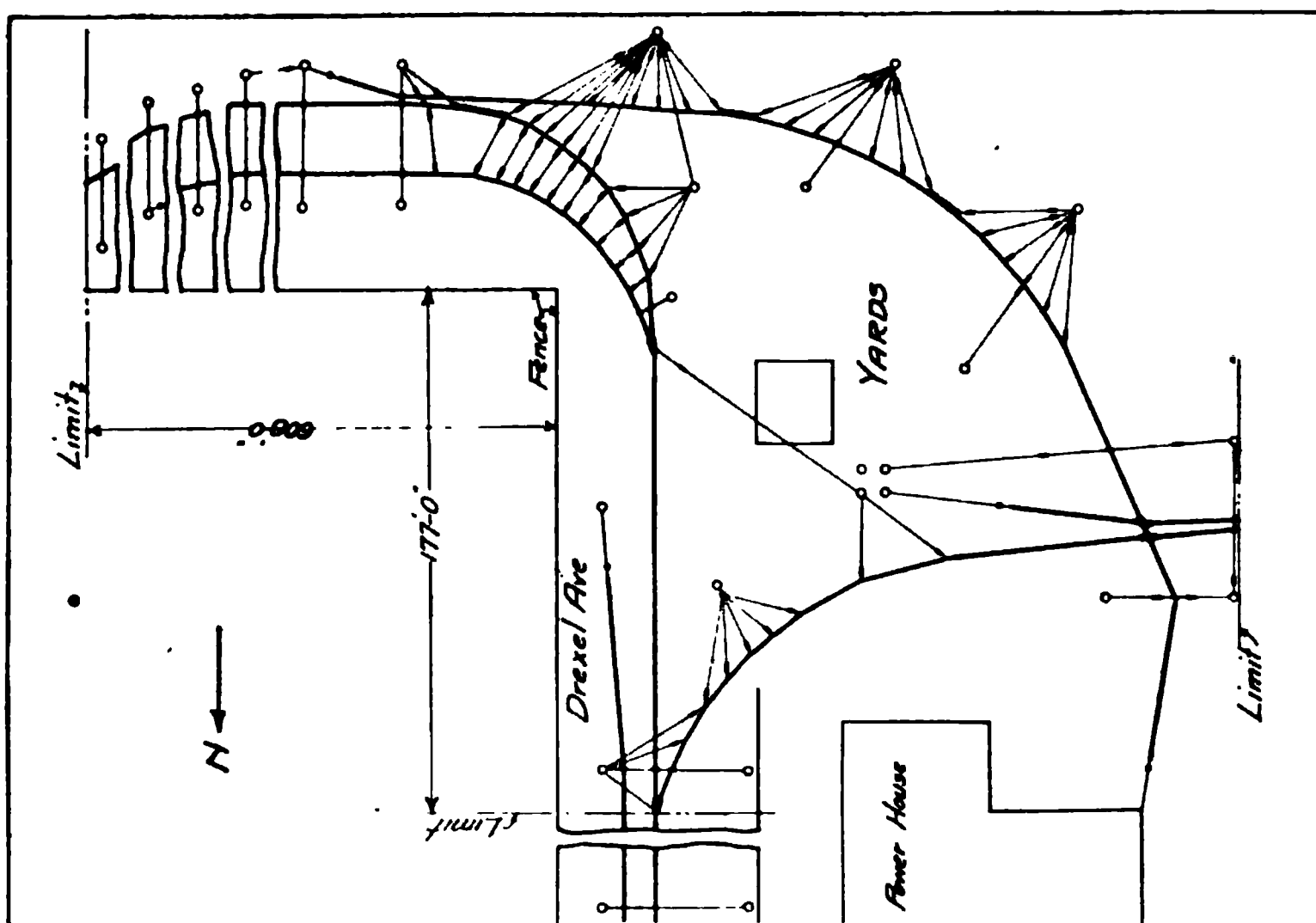


LAYOUT NO. 9D.  
93d Street Barns.



**LAYOUT NO. 9E.**

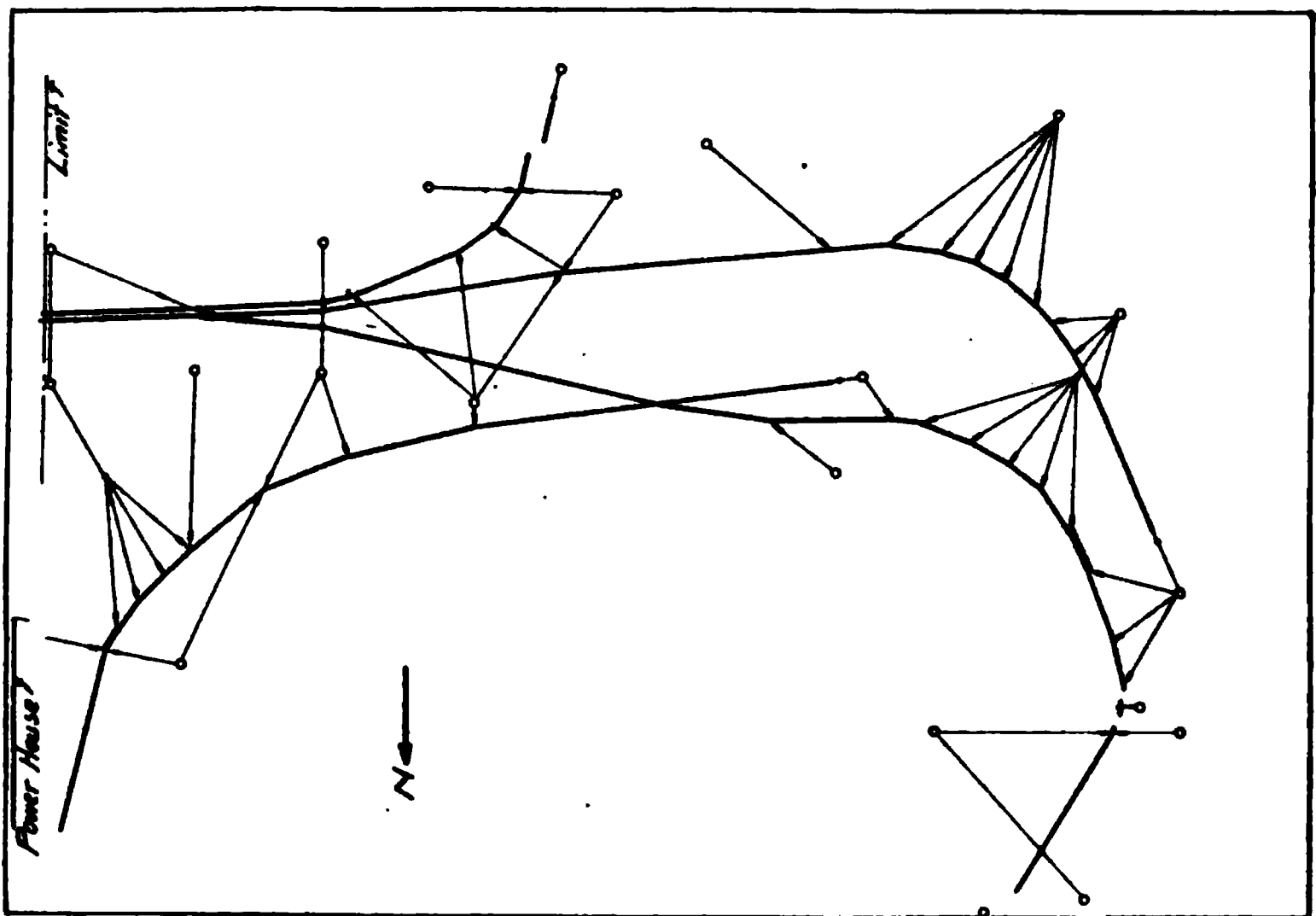
### 93d Street Barns.



**LAYOUT NO. 9F.**

### 93d Street Barns.



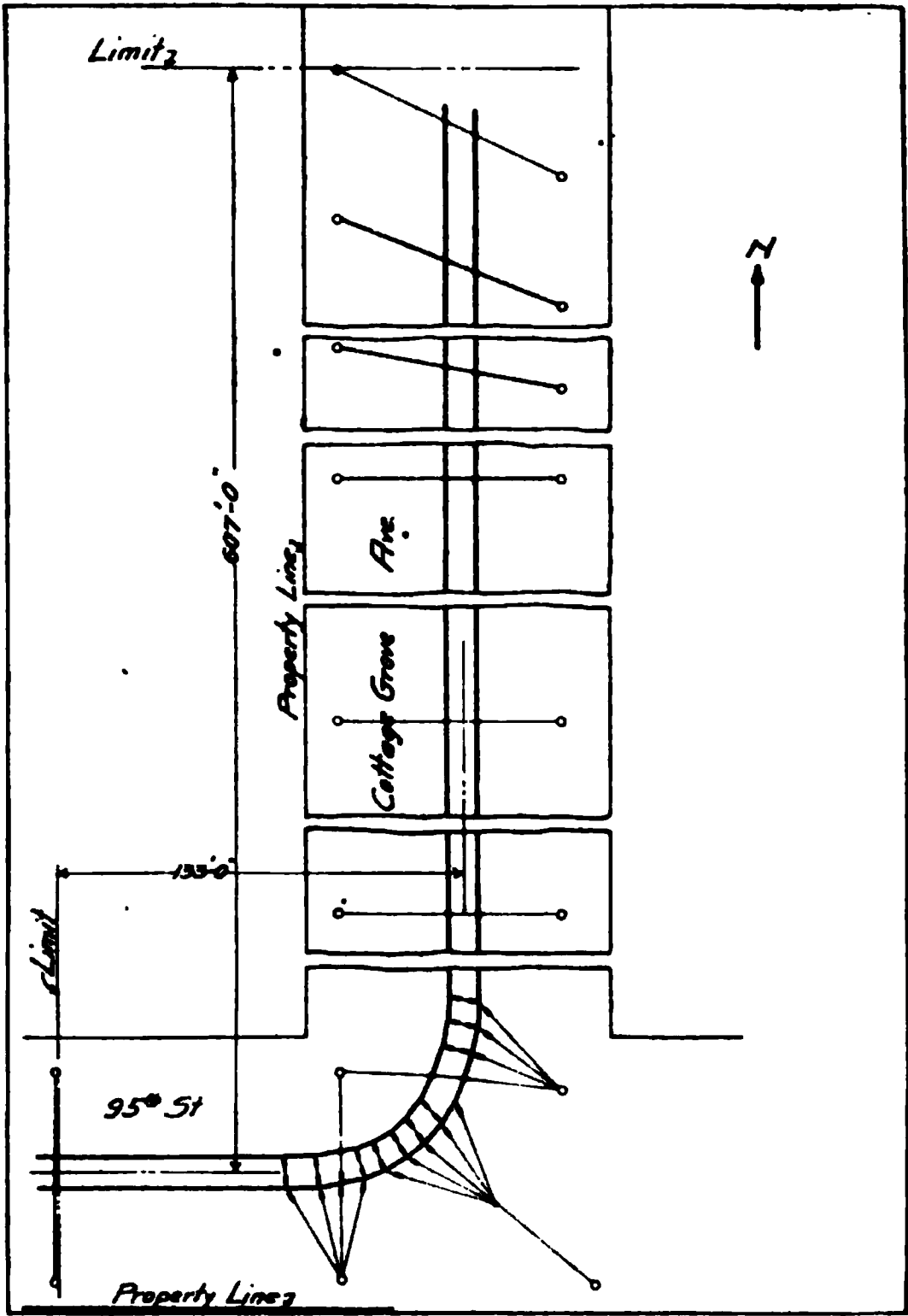


LAYOUT NO. 9G.  
OVERHEAD SPECIAL WORK.

LAYOUT NO. 9.

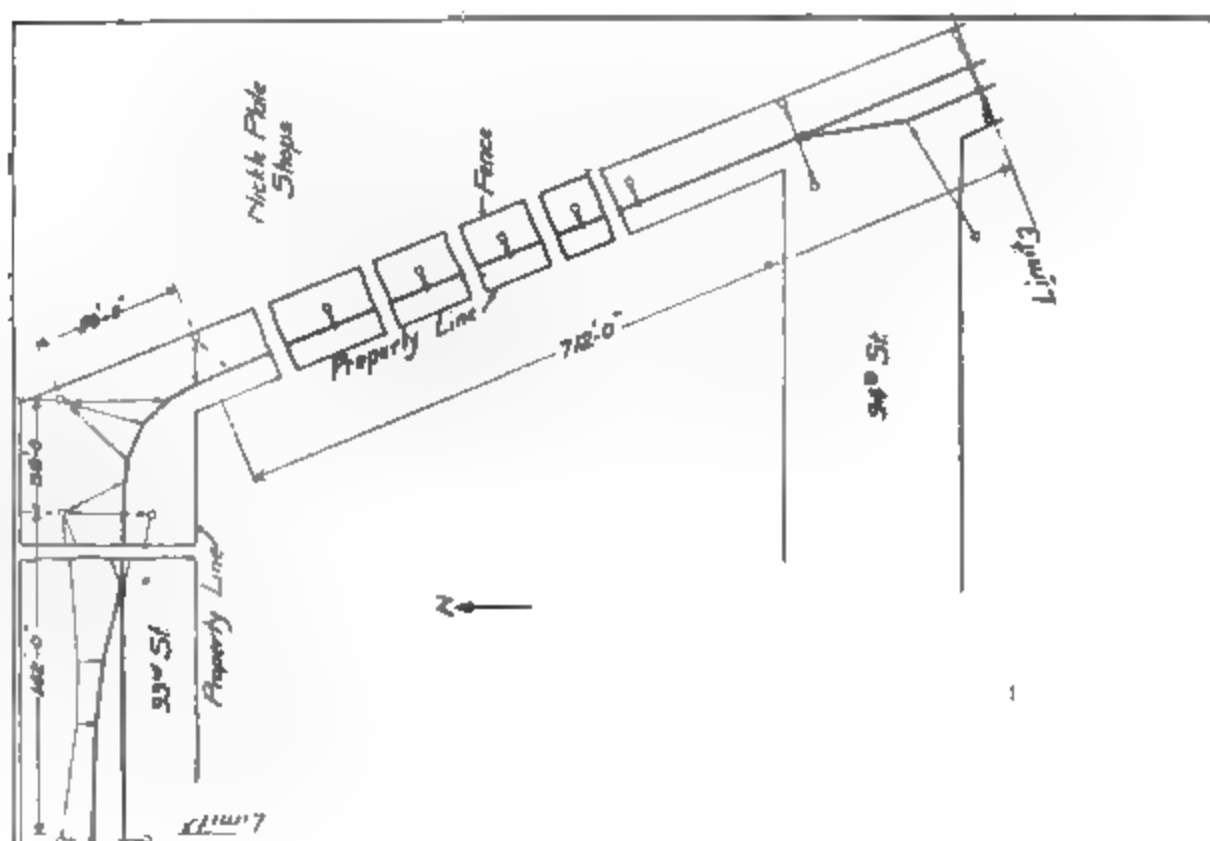
93rd St. and Cottage Grove Ave., Including Barns.

		Cost New	Scrap Value
1,978 ft. of wood trough.....@	\$ .50	\$ 989.00	.....
85 eye bolts .....@	.12	10.20	.....
164 wood strains.....@	.20	32.80	.....
13 globe strains.....@	.28	3.64	.....
28 Brooklyn insulators.....@	.62	17.36	.....
99 single curve hangers .....@	.39	38.61	.....
79 double curve hangers.....@	.59	46.61	.....
64 straight line hangers.....@	.45	18.80	.....
262 plain ears (12 in.).....@	.35	91.70	\$26.20
215 plain ears (15 in.).....@	.55	118.25	38.70
21 splicing ears .....@	.50	10.50	4.62
148 4 in. barn hangers.....@	.45	66.60	.....
54 splicing sleeves .....@	.50	17.00	.....
6 1/8 in. x 1 1/2 in. x 8 in. iron hoops.....@	.10	.60	.....
2 section insulators .....@	4.00	8.00	1.20
4 lightning arresters (in place).....@	3.69	14.76	.....
150 ft. No. 6 ground wire.....@		2.95	.....
39 trolley frogs.....@	3.00	117.00	26.13
7,365 ft 1/8 in. strand wire.....@	.01125	82.85	.....
1,650 ft. 1/4 in. strand wire.....@	.0076	12.54	.....
285 barn hangers .....@	.45	128.25	.....
149 special 14 in. barn hangers.....@	.45	67.05	.....
1,710 machine bolts (3 in. x 1/2 in.).....@	.012	20.52	.....
		\$1,915.59	\$96.85
Labor .....		470.00	



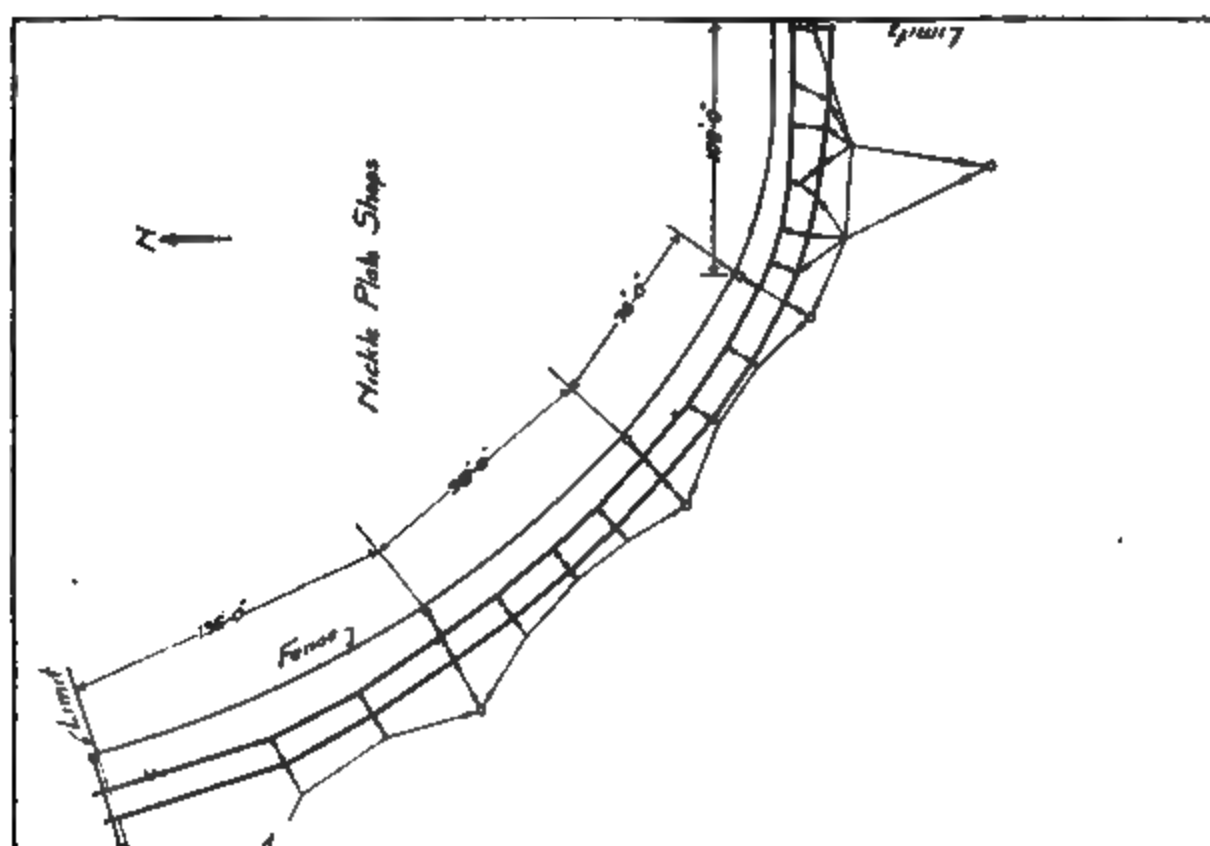
OVERHEAD SPECIAL WORK.  
LAYOUT NO. 10.  
95th St. and Cottage Grove Ave.

		Cost New	Scrap Value
16 eye bolts.....	@ \$ .12	\$ 1.92	.....
8 globe strains.....	@ .28	2.24	.....
40 wood strains.....	@ .20	8.00	.....
19 straight line hangers.....	@ .45	8.55	.....
10 double curve hangers.....	@ .59	5.90	.....
10 single curve hangers.....	@ .39	3.90	.....
38 plain ears.....	@ .55	20.90	\$6.84
6 splicing ears .....	@ .50	3.00	1.32
2,088 ft. 1/8 in. strand wire.....	@ .01125	23.49	.....
2 section insulators.....	@ 4.00	8.00	1.20
		<hr/>	<hr/>
		\$85.90	\$9.36
Labor .....		35.00	



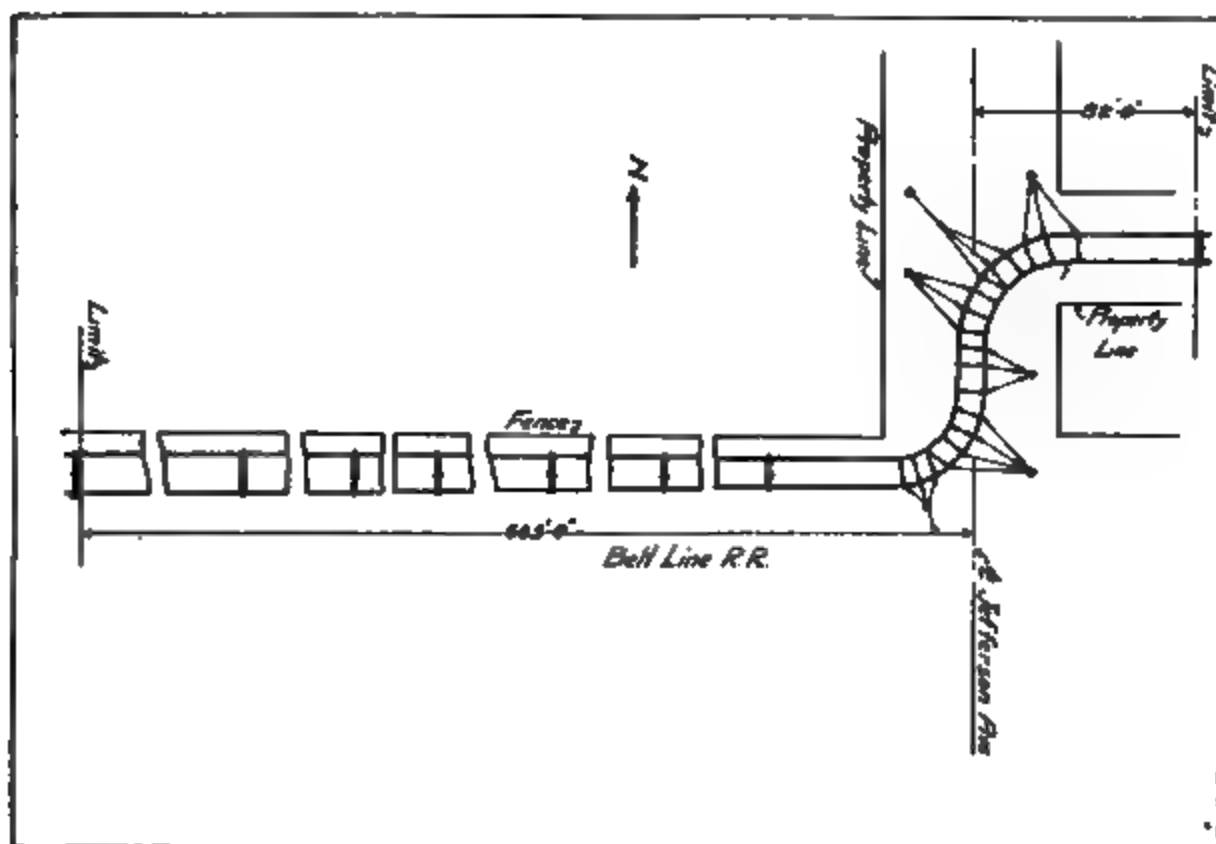
LAYOUT NO. 11A.

93d St. Near Nickel Plate R. R. Shops.



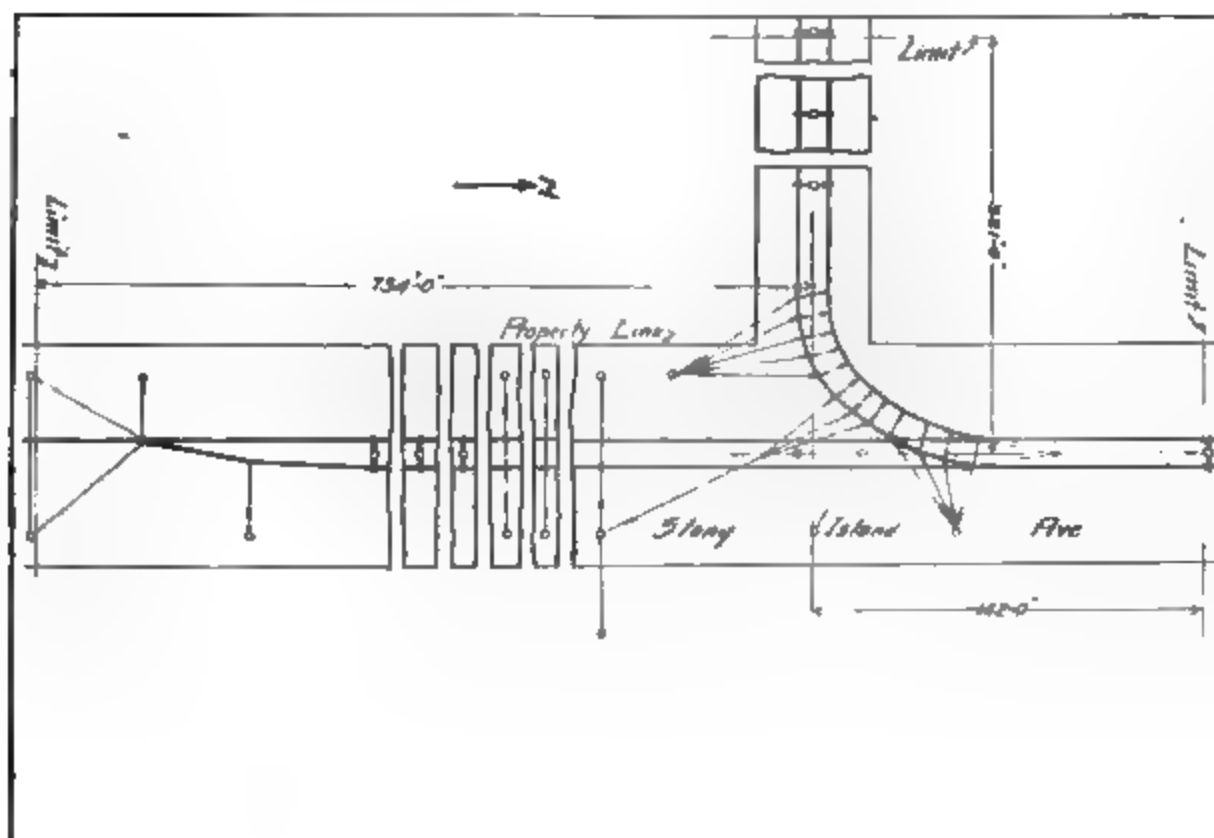
LAYOUT NO. 11B.

93d St. Near Nickel Plate R. R. Shops.



LAYOUT NO. 11C.

93d St. Near Nickel Plate R. R. Shops.



LAYOUT NO. 11D.

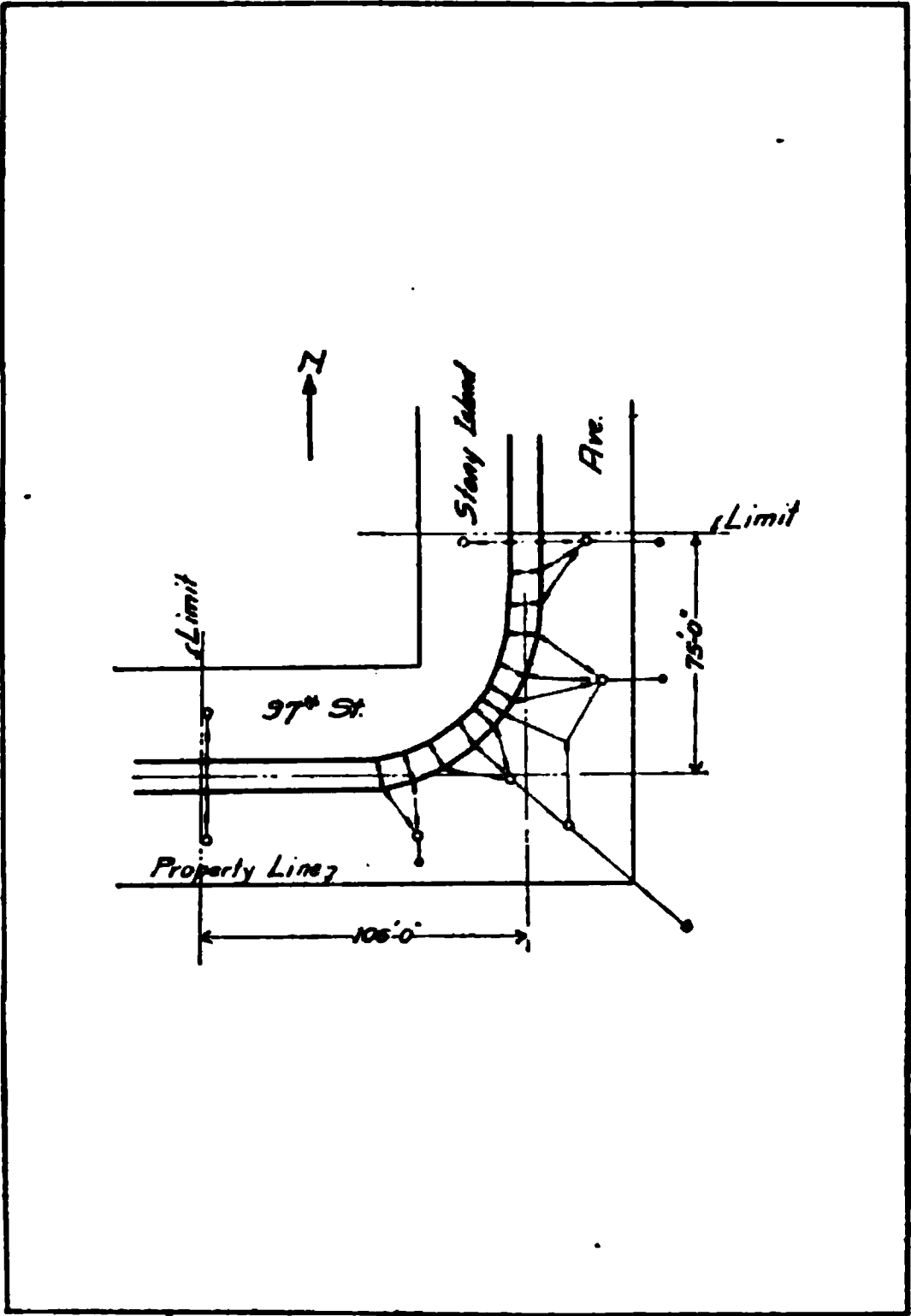
93d St. Near Nickel Plate R. R. Shops.

OVERHEAD SPECIAL WORK.

LAYOUT NO. 11 (A, B, C & D).

93rd St. near Nickel Plate R. R. Shops.

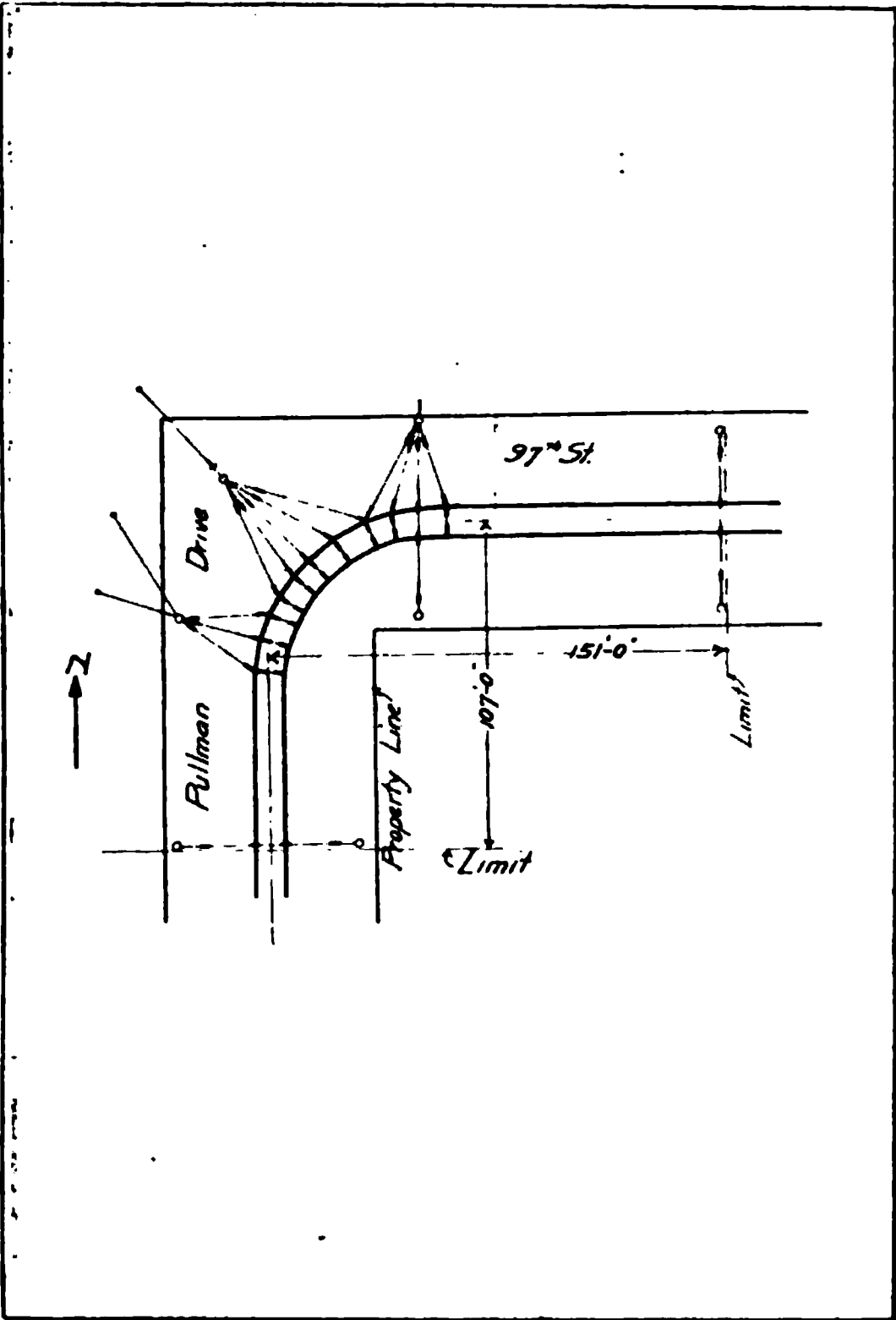
		Cost New	Scrap Value
26 eye bolts.....@	\$ .12	\$ 3.12	.....
84 wood strains.....@	.20	16.80	.....
3 globe strains.....@	.28	.84	.....
7 Brooklyn insulators.....@	.62	4.34	.....
44 straight line hangers.....@	.45	19.80	.....
48 single curve hangers.....@	.39	18.72	.....
44 double curve hangers.....@	.59	25.96	.....
68 12 in. plain ears.....@	.35	23.80	\$6.80
84 15 in. plain ears.....@	.55	46.20	15.12
2 splicing ears.....@	.50	1.00	.44
3,300 ft. $\frac{1}{8}$ in. strand wire.....@	.01125	37.12	.....
2 section insulators.....@	4.00	8.00	1.20
28 2 in. x 2 in. T iron brackets (6 ft. x 6 ft.)...@	4.15	116.20	.....
5 2 in. x 2 in. T iron brackets (6 ft. x 7 ft.)...@	4.25	21.25	.....
12 splicing sleeves.....@	.50	6.00	2.64
6 trolley frogs.....@	3.00	18.00	4.02
		<hr/>	<hr/>
		\$367.15	\$30.22
Labor.....		160.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 12.

97th St. and Stony Island Ave.

		Cost New	Scrap Value
3 eye bolts.....	@ \$ .12	\$ .36	.....
8 wood strains.....	@ .20	1.60	.....
11 single curve hangers.....	@ .39	4.29	.....
11 double curve hangers.....	@ .59	6.49	.....
12 12 in. ears.....	@ .35	4.20	\$1.20
11 15 in. ears.....	@ .55	6.05	1.98
2 splicing ears.....	@ .50	1.00	.44
400 ft. 7/8 in. strand wire.....	@ .01125	4.50	.....
120 ft. 1/4 in. strand wire.....	@ .0076	.91	.....
		<hr/>	<hr/>
		\$29.40	\$3.62
Labor.....		25.00	

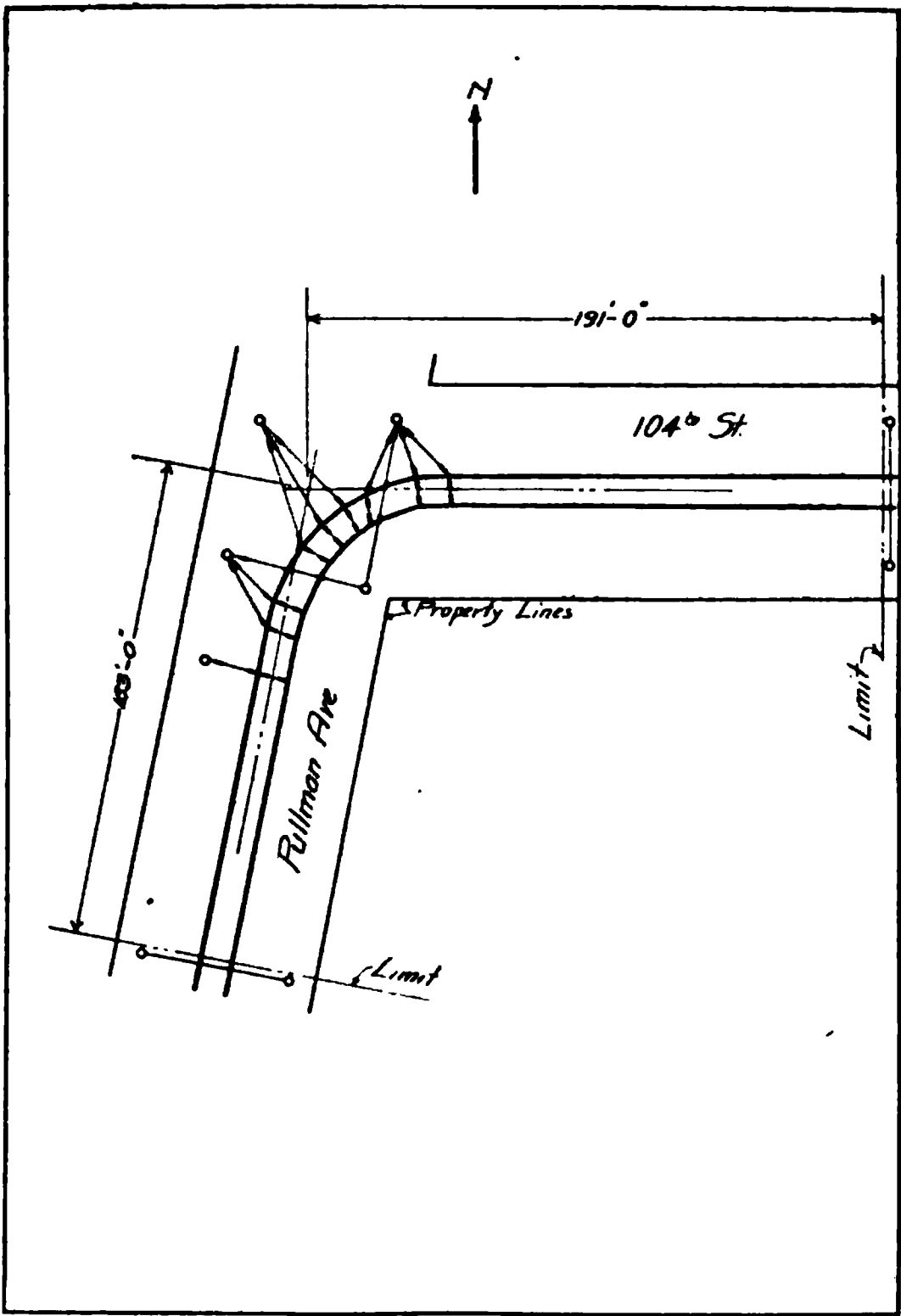


OVERHEAD SPECIAL WORK.

LAYOUT NO. 13.

97th St. and Pullman Drive.

		Cost New	Scrap Value
3 eye bolts .....	@ \$ .12	\$ .36	.....
11 wood strains.....	@ .20	2.20	.....
1 Brooklyn insulator .....	@ .62	.62	.....
4 straight line hangers.....	@ .45	1.80	.....
11 single curve hangers.....	@ .39	4.29	.....
10 double curve hangers.....	@ .59	5.90	.....
10 12 in. plain ears.....	@ .35	3.50	\$1.00
11 15 in. plain ears.....	@ .55	6.05	1.98
528 ft $\frac{7}{8}$ in span wire.....	@ .01125	5.94	.....
100 ft. $\frac{1}{4}$ in. span wire.....	@ .0076	.76	.....
		<hr/>	<hr/>
		\$31.42	\$2.98
Labor .....		25.00	



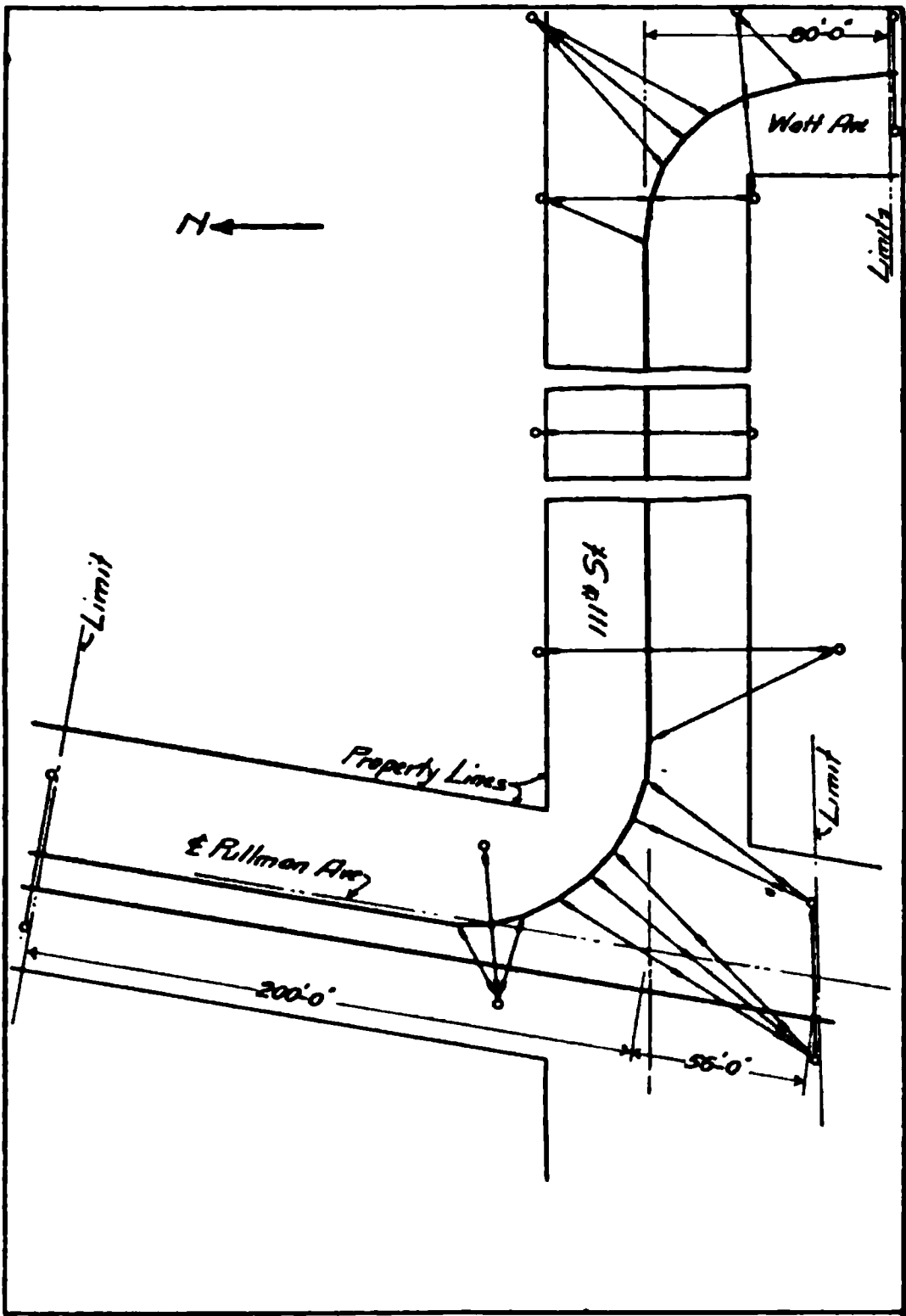
OVERHEAD SPECIAL WORK.

LAYOUT NO. 14.

104th St. and Pullman Ave.

		Cost New	Scrap Value
3 eye bolts .....	@ \$ .12	\$ .36	.....
7 wood strains.....	@ .20	1.40	.....
3 straight line hangers.....	@ .45	1.34	.....
7 single curve hangers.....	@ .39	2.73	.....
9 double curve hangers.....	@ .59	5.31	.....
12 12 in. plain ears.....	@ .35	4.20	\$1.20
12 15 in. plain ears.....	@ .55	6.60	2.16
478 ft. $\frac{1}{8}$ in. span wire.....	@ .01125	5.37	.....
110 ft. $\frac{1}{4}$ in. span wire.....	@ .0076	.83	.....
		<hr/>	<hr/>
		\$28.15	\$3.36
Labor .....		25.00	



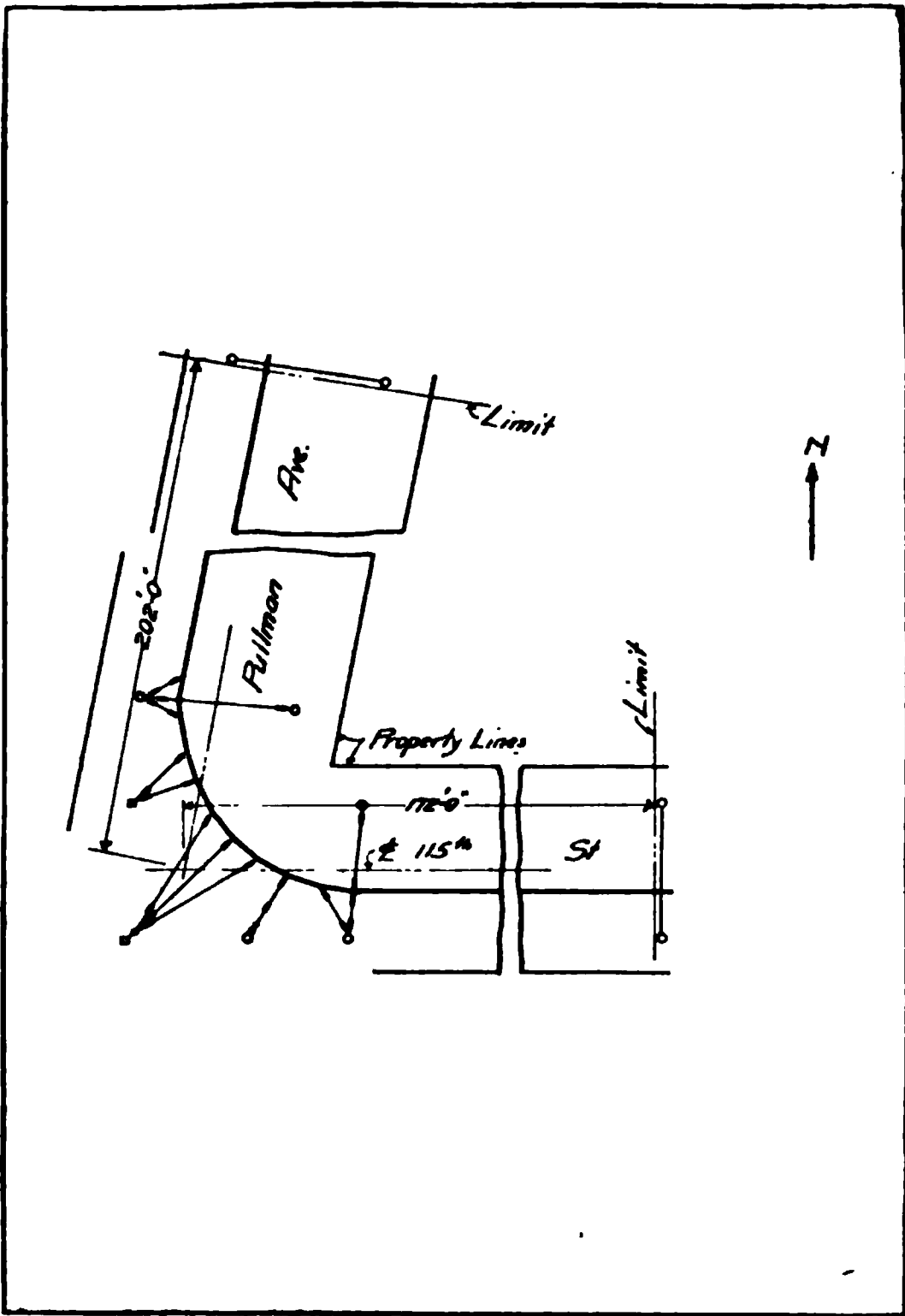


OVERHEAD SPECIAL WORK.

LAYOUT NO. 15.

111th St. and Watt Ave.

		Cost New	Scrap Value
5 eye bolts.....@	\$ .12	\$ .60	.....
47 wood strains.....@	.20	9.40	.....
3 straight line hangers.....@	.45	1.35	.....
13 single curve hangers.....@	.39	5.07	.....
3 double curve hangers.....@	.59	1.77	.....
19 plain ears.....@	.55	10.45	\$3.42
1,200 ft. $\frac{1}{8}$ in. strand wire.....@	.01125	13.50	.....
		<hr/>	<hr/>
		\$42.14	\$3.42
Labor .....		\$35.80	

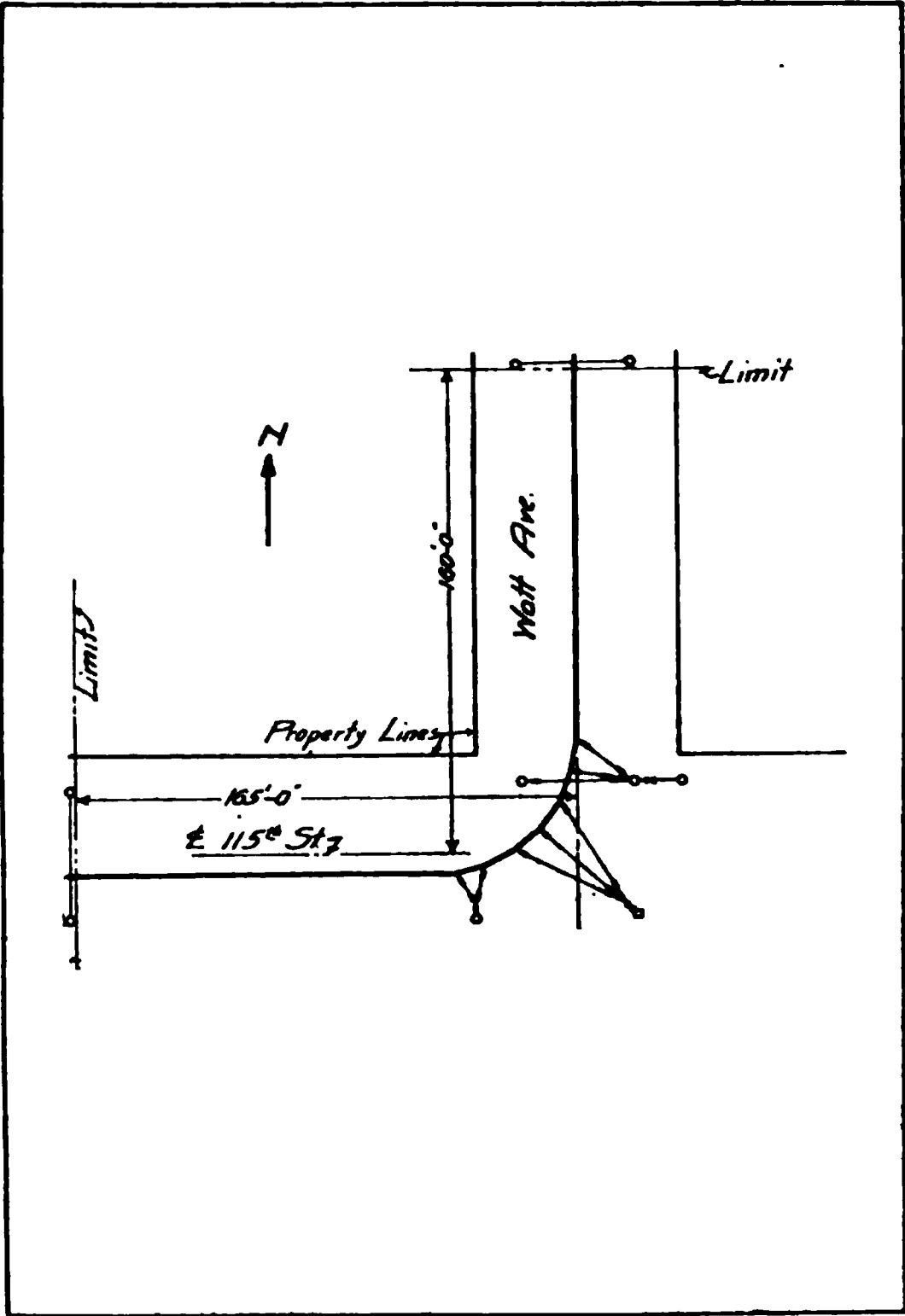


OVERHEAD SPECIAL WORK.

LAYOUT NO. 18.

115th St. and Pullman Drive.

		Cost New	Scrap Value
5 eye bolts .....	@ \$ .12	\$ .60	.....
24 wood strains.....	@ .20	4.80	.....
1 special strain.....	@ .20	.20	.....
1 straight line hanger.....	@ .45	.45	.....
9 single curve hangers.....	@ .39	3.51	.....
1 double curve hanger.....	@ .59	.59	.....
11 plain ears.....	@ .55	6.05	\$1.98
1 splicing ear .....	@ .50	.50	.22
1 iron ring .....	@ .10	.10	.....
347 ft. 1/8 in. strand wire.....	@ .01125	3.90	.....
		<hr/>	<hr/>
		\$20.70	\$3.20
Labor .....		15.00	

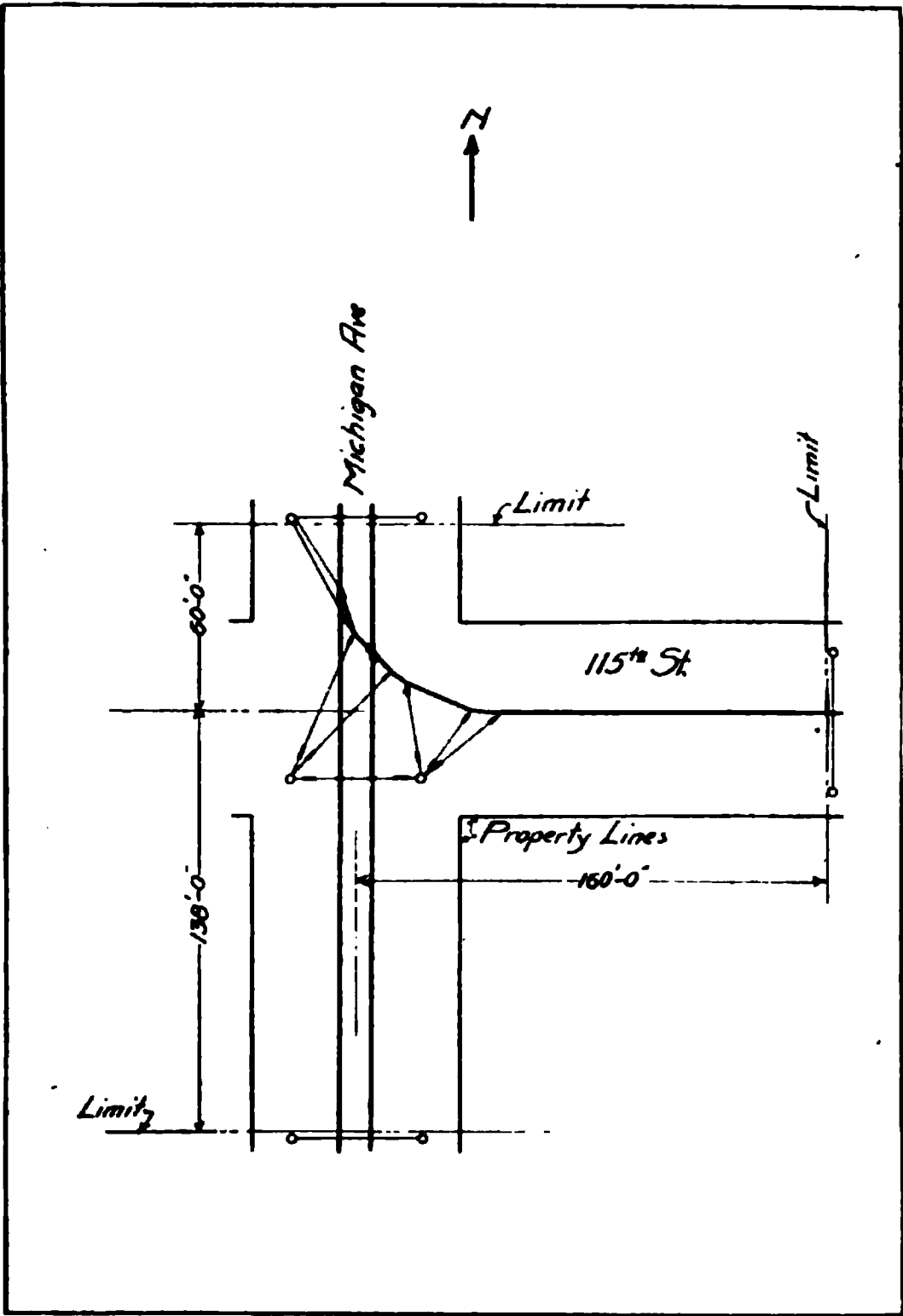


OVERHEAD SPECIAL WORK.

LAYOUT NO. 17.

115th St. and Watt Ave.

		Cost New	Scrap Value
1 eye bolt.....	@ \$ .12	\$ .12	.....
17 wood strains.....	@ .20	3.40	.....
2 special strains.....	@ .20	.40	.....
1 straight line hanger.....	@ .45	.45	.....
7 single curve hangers.....	@ .39	2.73	.....
8 plain ears.....	@ .55	4.50	\$1.44
300 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	3.37	.....
		<hr/>	<hr/>
		\$14.97	\$1.44
Labor .....		15.00	

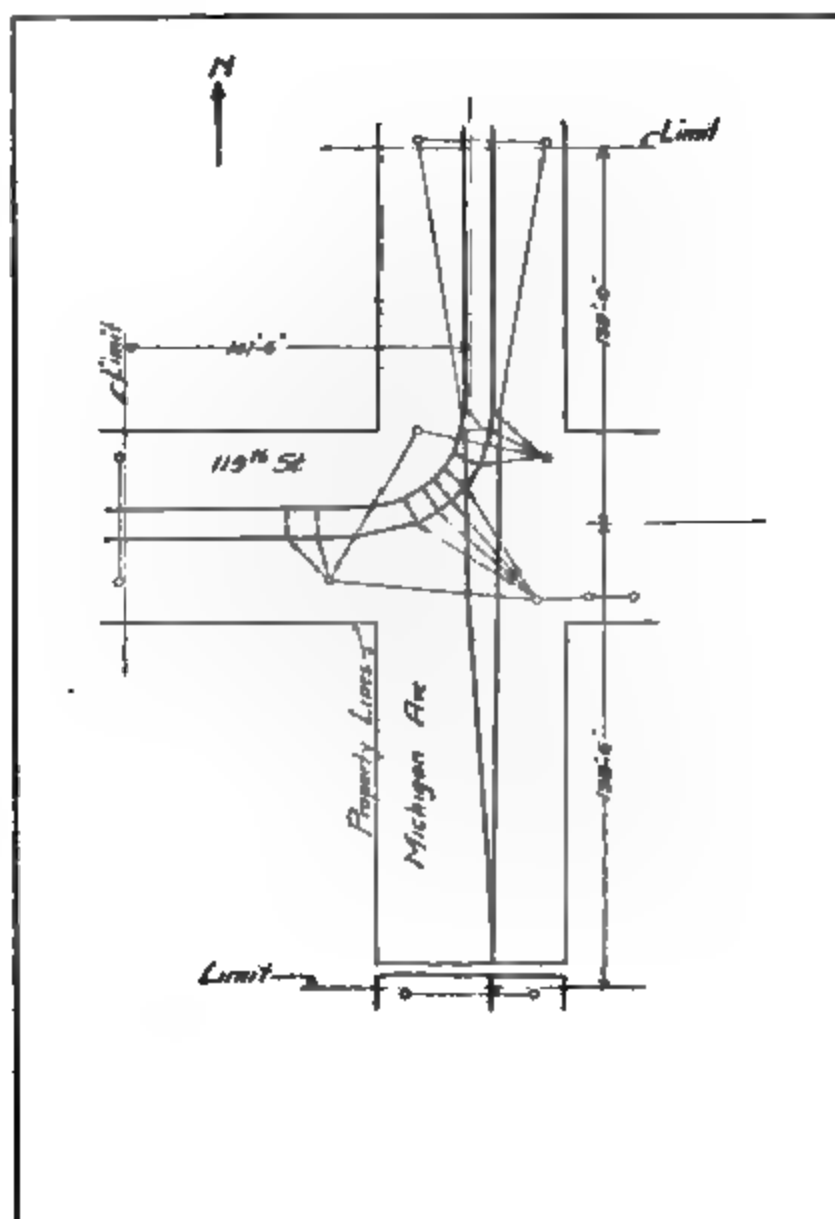


OVERHEAD SPECIAL WORK.

LAYOUT NO. 18.

115th St. and Michigan Ave.

		Cost New	Scrap Value
7 eye bolts.....	@ \$ .12	\$ .84	.....
7 wood strains.....	@ .20	1.40	.....
5 single curve hangers.....	@ .39	1.95	.....
4 straight line hangers.....	@ .45	1.80	.....
10 plain ears.....	@ .55	5.50	\$1.80
4 splicing ears.....	@ .50	2.00	.88
319 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	3.58	.....
2 trolley frogs .....	@ 3.00	6.00	1.34
		<hr/>	<hr/>
		\$23.07	\$4.02
Labor .....		20.00	

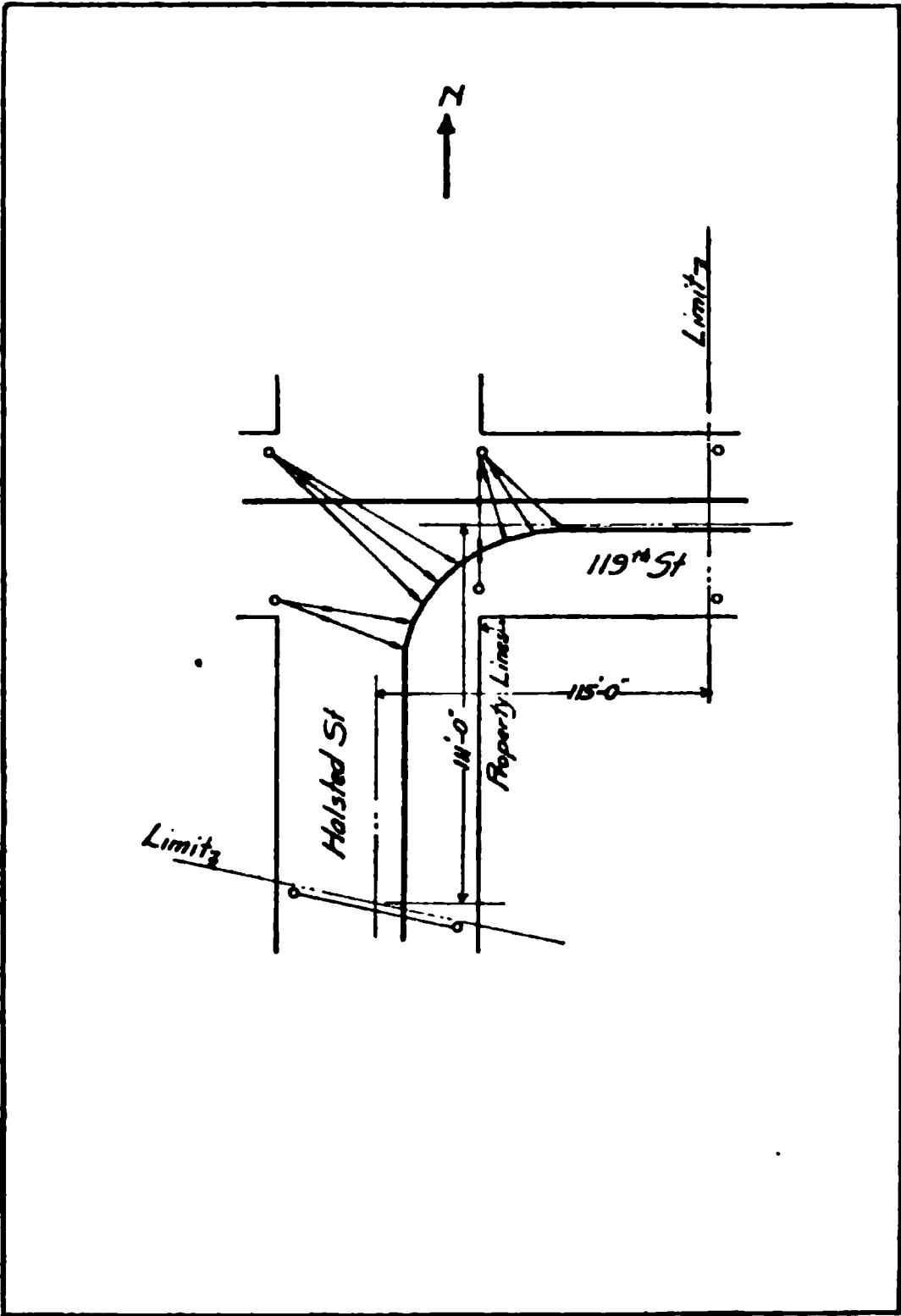


OVERHEAD SPECIAL WORK.

LAYOUT NO. 19.

119th St. and Michigan Ave.

		Cost New	Scrap Value
10 wood strains.....	@ \$ .20	\$ 2.00	.....
1 globe strain.....	@ .28	.28	.....
7 single curve hangers .....	@ .39	2.73	.....
8 double curve hangers.....	@ .59	4.72	.....
19 plain ears.....	@ .55	10.45	\$3.42
4 splicing ears.....	@ .50	2.00	.88
1 section insulator .....	@ 4.00	4.00	.60
557 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	6.26	.....
1 trolley frog .....	@ 3.00	3.00	.67
3 rings .....	@ .10	.30	.....
		<hr/>	<hr/>
		\$35.74	\$5.57
Labor .....		35.00	

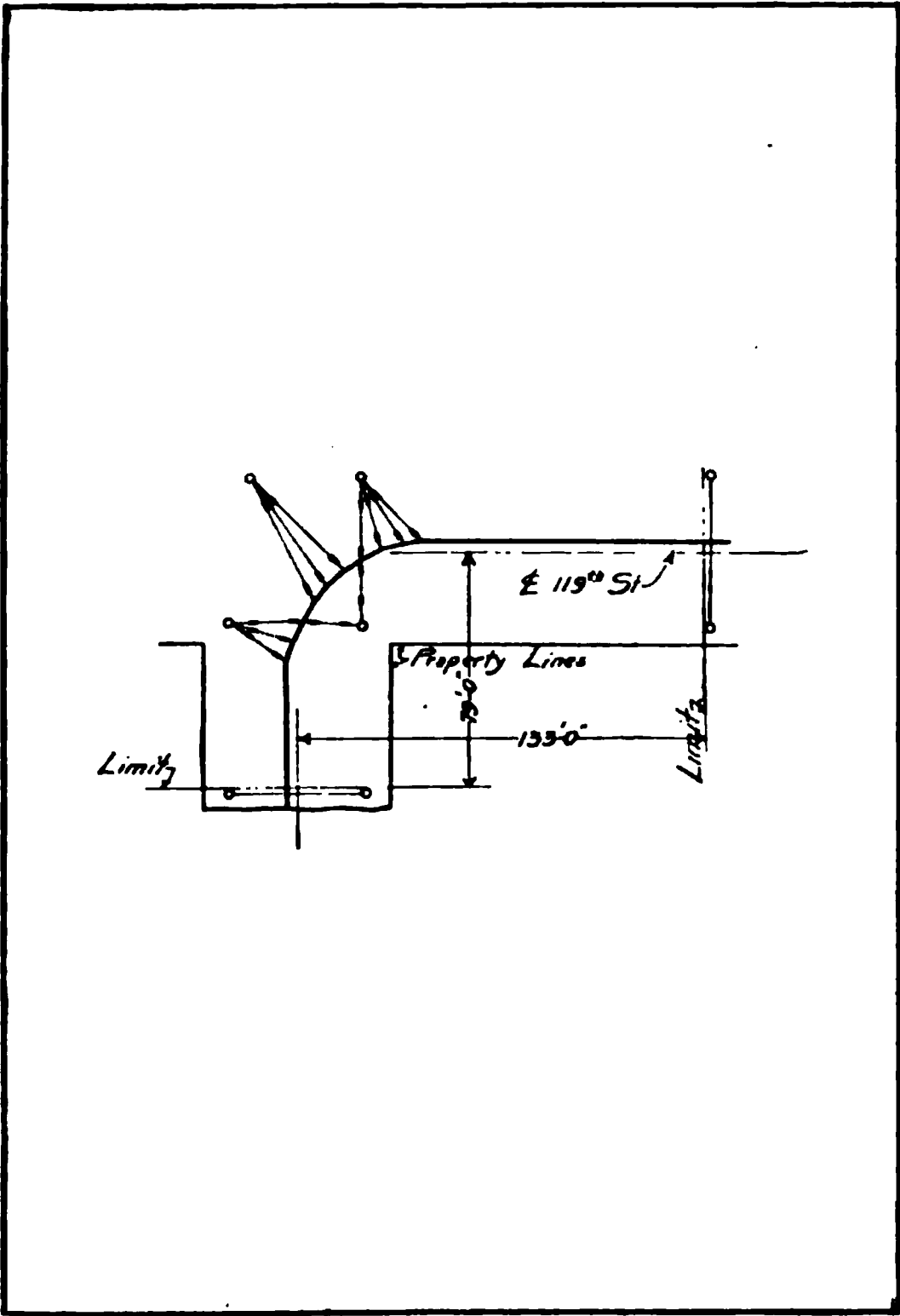


OVERHEAD SPECIAL WORK.

LAYOUT NO. 20.

119th St. and South Halsted St.

		Cost New	Scrap Value
4 eye bolts .....	@ \$0.12	\$ .48	.....
10 wood strains.....	@ .20	2.00	.....
8 single curve hangers.....	@ .39	3.12	.....
1 double curve hanger.....	@ .59	.59	.....
3 straight line hangers.....	@ .45	1.35	.....
11 plain ears .....	@ .55	6.05	\$1.98
547 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	6.15	.....
		<hr/>	<hr/>
		\$19.74	\$1.98
Labor .....		15.00	

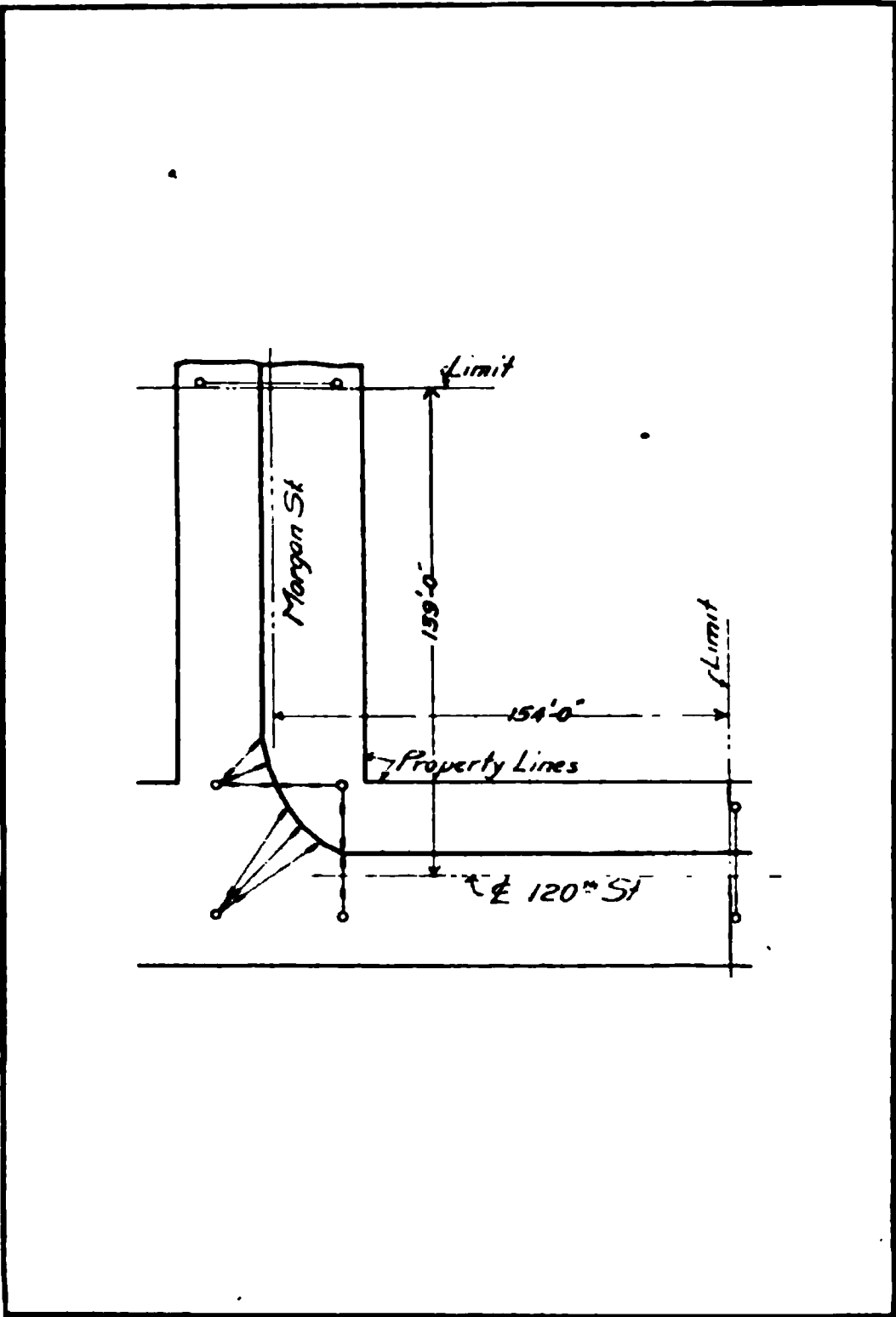


OVERHEAD SPECIAL WORK.

LAYOUT NO. 21.

119th St. and Morgan St.

		Cost New	Scrap Value
5 eye bolts .....	@ \$0.12	\$ .60	.....
13 wood strains .....	@ .20	2.60	.....
2 double curve hangers.....	@ .59	1.18	.....
8 single curve hangers .....	@ .39	3.12	.....
10 plain ears .....	@ .55	5.50	\$1.80
367 ft. 1/8 in. strand wire.....	@ .01125	4.12	.....
		<hr/>	<hr/>
		\$17.12	\$1.80
Labor .....		15.00	



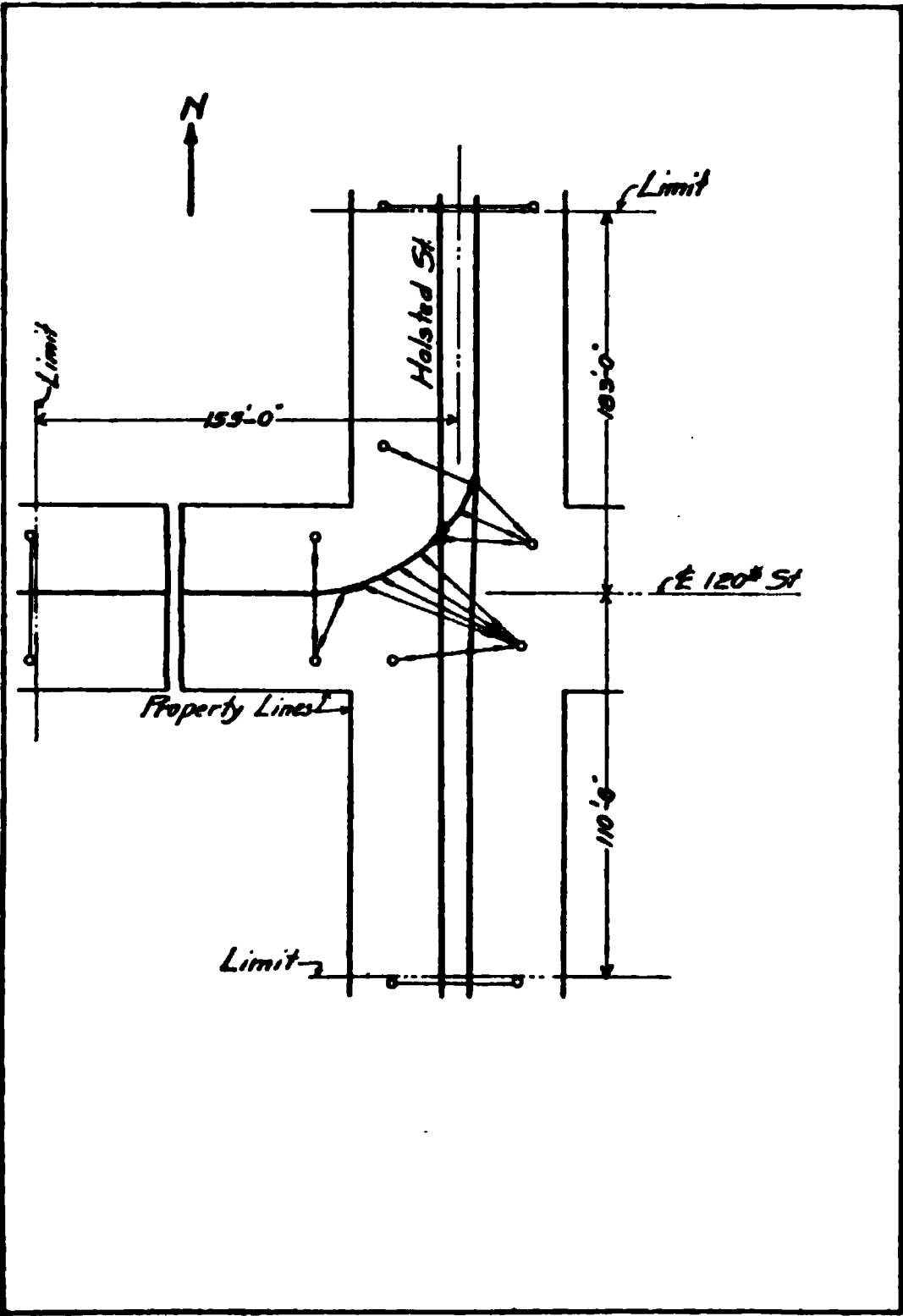
OVERHEAD SPECIAL WORK.

LAYOUT NO. 22.

120th St. and Morgan St.

		Cost New	Scrap Value
4 cye bolts.....	@ \$ .12	\$ .48	.....
9 wood strains.....	@ .20	1.80	.....
2 double curve hangers .....	@ .59	1.18	.....
6 single curve hangers .....	@ .39	2.34	.....
2 rings .....	@ .10	.20	.....
8 plain ears .....	@ .55	4.40	\$1.44
269 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	3.02	.....
		<hr/>	<hr/>
		\$13.42	\$1.44
Labor .....		15.00	

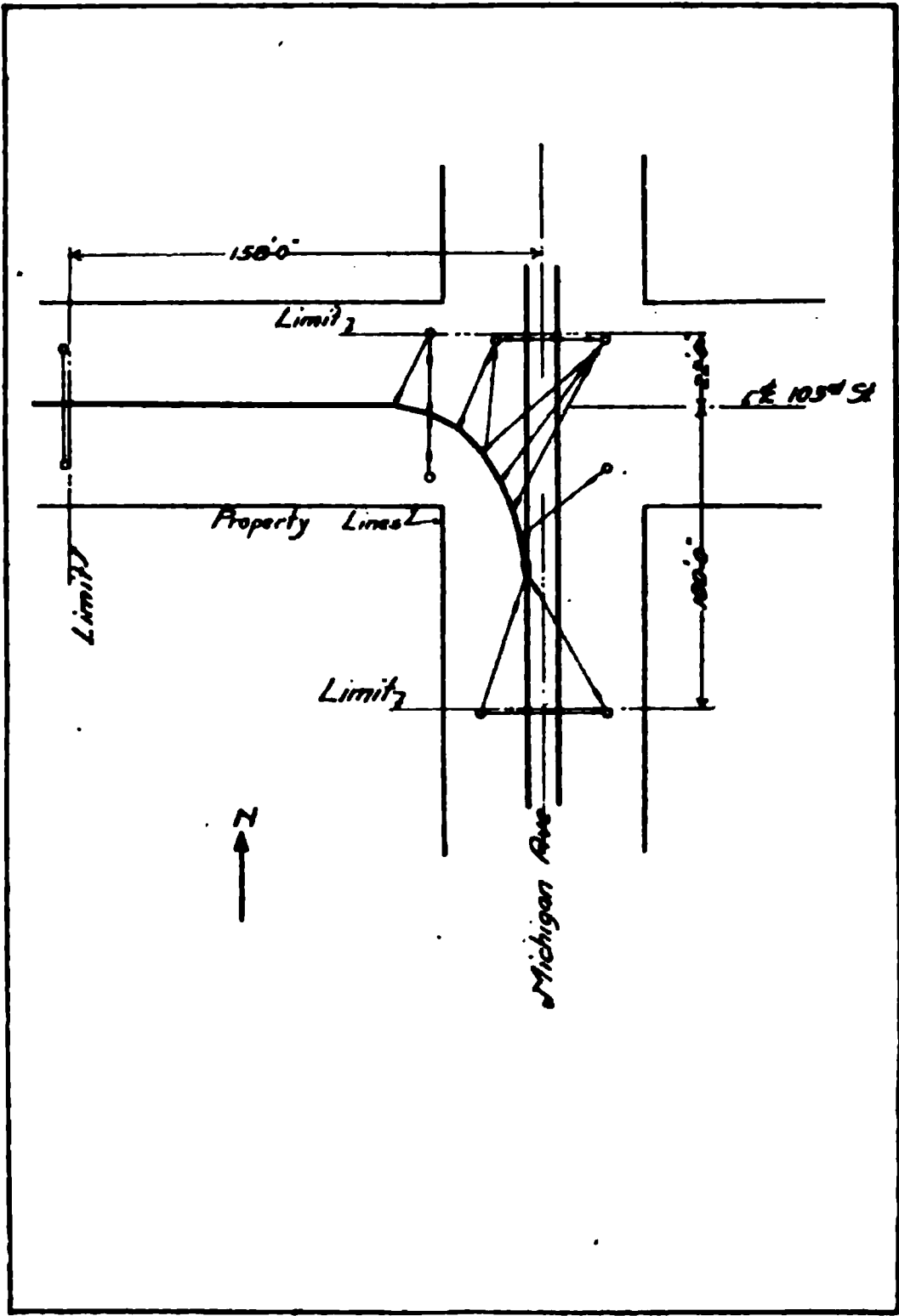




OVERHEAD SPECIAL WORK.  
LAYOUT NO. 23.

120th St. and South Halsted St.

		Cost New	Scrap Value
8 eye bolts.....	@ \$ .12	\$ .96	.....
15 wood strains .....	@ .20	3.00	.....
7 single curve hangers.....	@ .39	2.73	.....
3 straight line hangers.....	@ .45	1.35	.....
8 plain ears .....	@ .55	4.40	\$1.44
1 splicing ear .....	@ .50	.50	.22
391 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	4.38	.....
2 trolley frogs .....	@ 3.00	6.00	1.34
		<hr/>	<hr/>
		\$23.32	\$3.00
Labor .....		\$25.00	

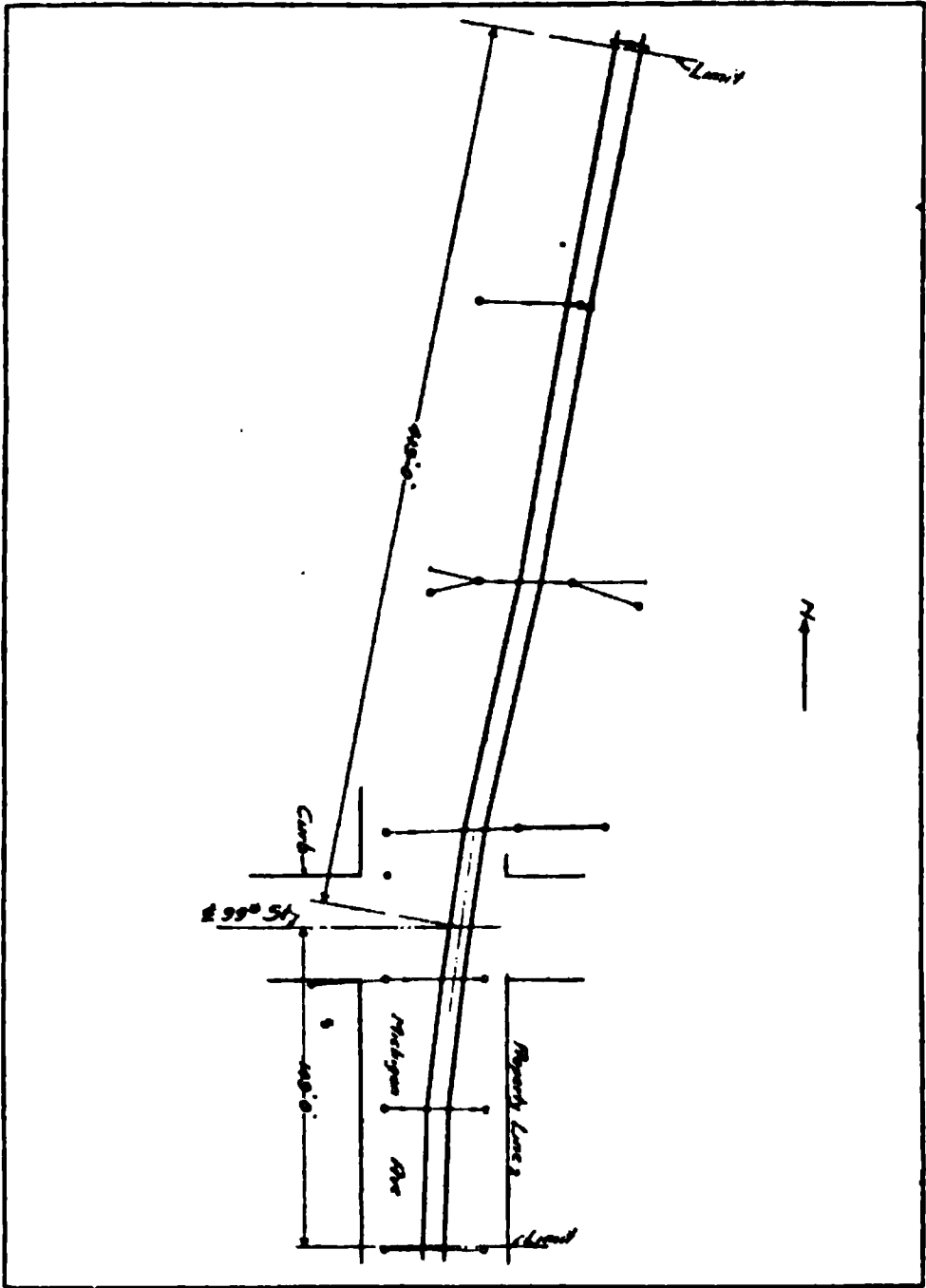


OVERHEAD SPECIAL WORK.

LAYOUT NO. 24.

103rd St. and Michigan Ave.

		Cost New	Scrap Value
6 eye bolts.....@	\$ .12	\$ .72	.....
9 wood strains.....@	.20	1.80	.....
4 straight line hangers.....@	.45	1.80	.....
4 single curve hangers.....@	.39	1.56	.....
1 double curve hanger.....@	.59	.59	.....
7 plain ears.....@	.55	3.85	\$1.26
446 ft. 1/8 in. strand wire.....@	.01125	5.01	.....
		<hr/>	<hr/>
		\$15.33	\$1.26
Labor .....		25.00	

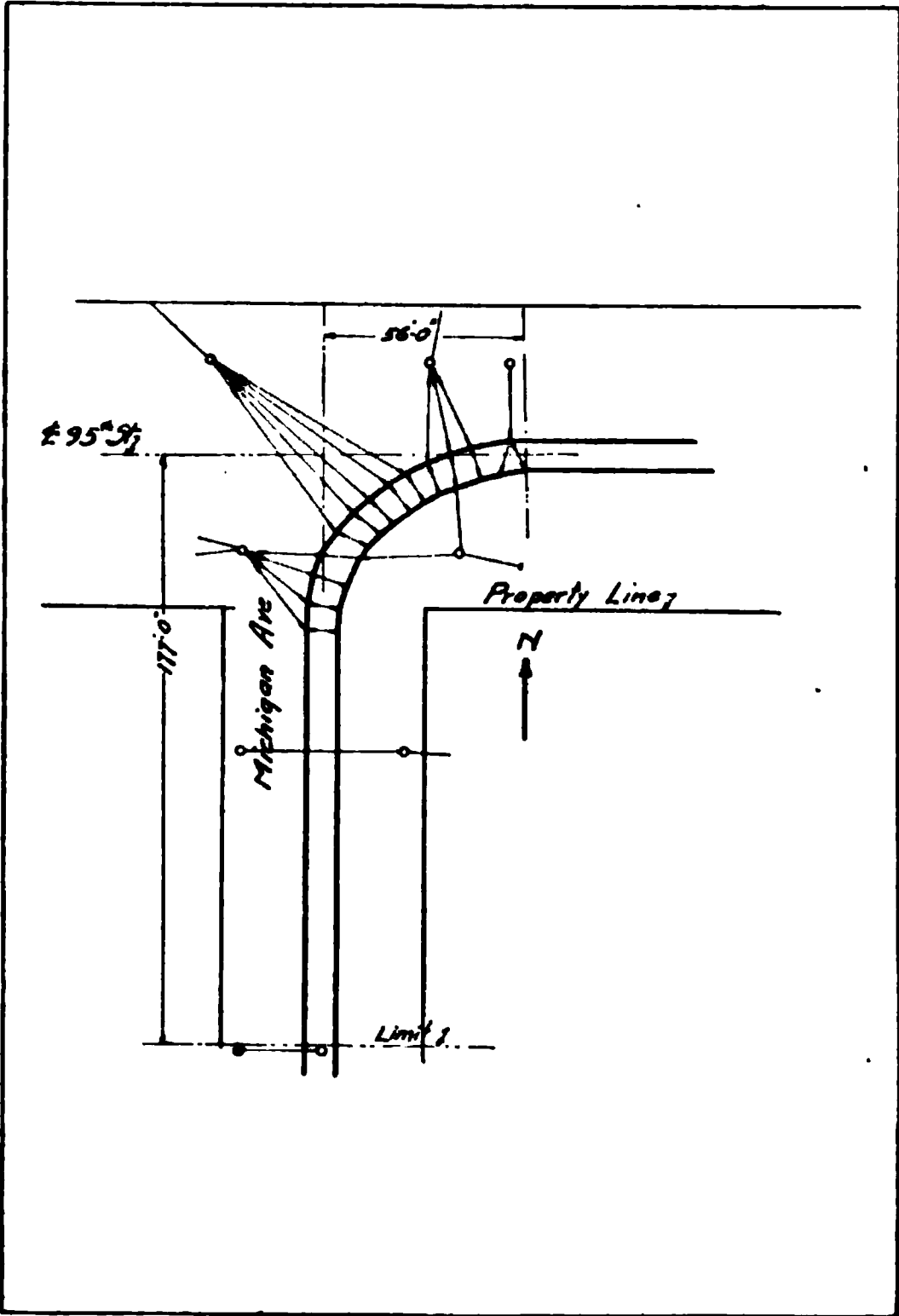


OVERHEAD SPECIAL WORK.

LAYOUT NO 25.

99th St. and Michigan Ave.

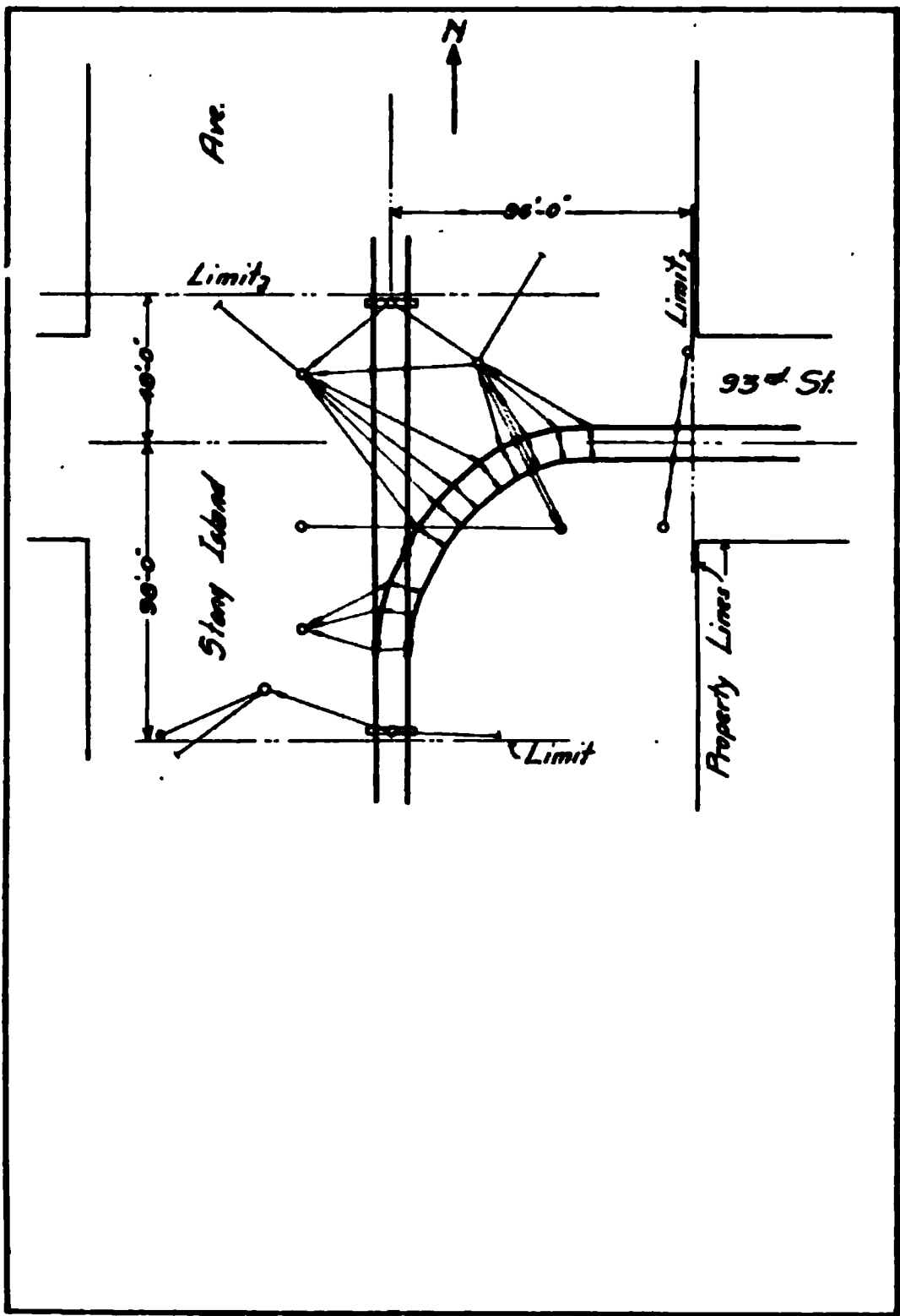
		Cost New	Scrap Value
12 eye bolts.....	@ \$ .12	\$ 1.44	.....
10 wood strains.....	@ .20	2.00	.....
9 globe strains.....	@ .28	2.52	.....
9 straight line hangers.....	@ .45	4.05	.....
11 plain ears.....	@ .55	6.05	\$1.98
1 splicing ear.....	@ .50	.50	.22
620 ft. $\frac{5}{8}$ in. strand wire.....	@ .01125	6.97	.....
1 2 in. x 1 in. T iron bracket (4 ft. x 2½ ft)...		4.15	.....
		<hr/>	<hr/>
		\$27.68	\$2.20
Labor .....		12.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO 26.

95th St. and Michigan Ave.

		Cost New	Scrap Value
6 eye bolts.....	@ \$ .12	\$ .72	.....
17 wood strains.....	@ .20	3.40	.....
2 globe strains.....	@ .28	.56	.....
14 double curve hangers.....	@ .59	8.26	.....
11 single curve hangers.....	@ .39	4.29	.....
4 straight line hangers.....	@ .45	1.80	.....
29 plain ears.....	@ .55	15.95	\$5.22
1 splicing ear.....	@ .50	.50	.22
957 ft. 1/8 in. strand wire.....	@ .01125	1.76	.....
		<hr/>	<hr/>
		\$37.24	\$5.44
Labor .....		25.00	

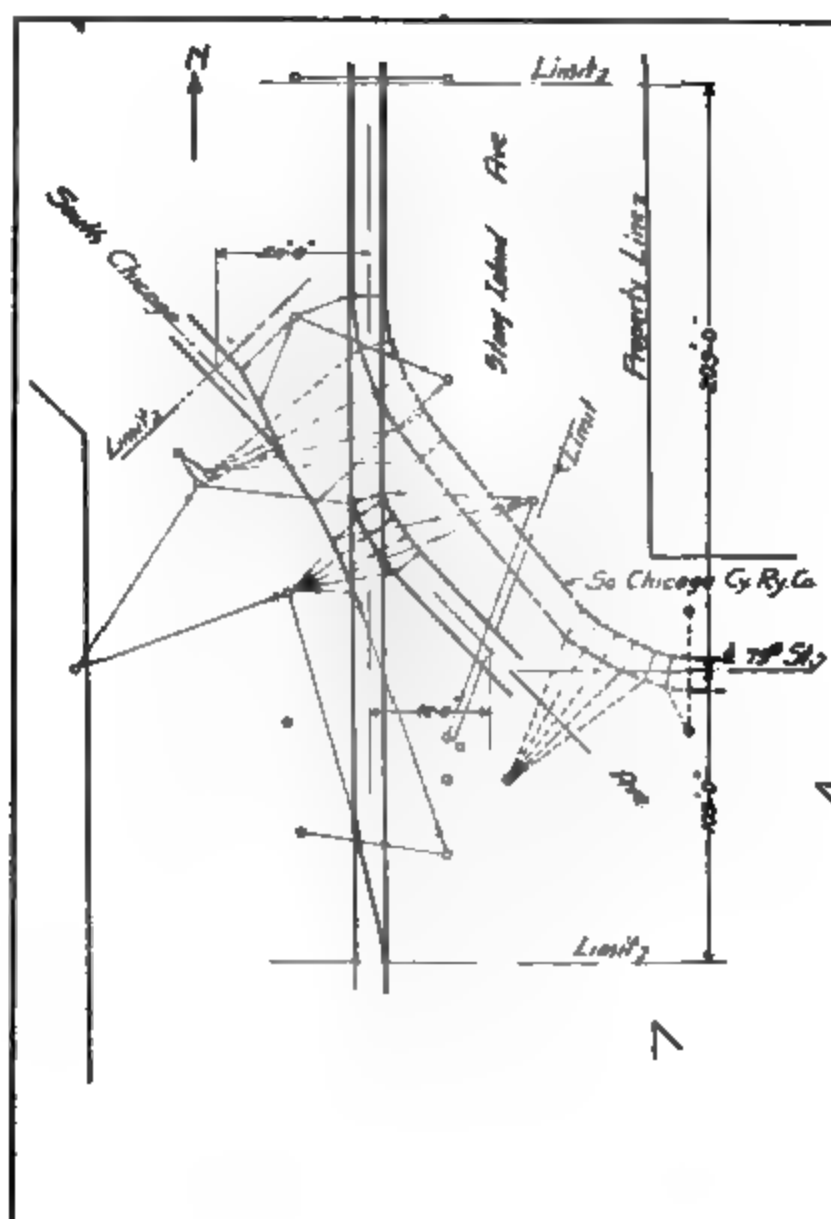


OVERHEAD SPECIAL WORK.

LAYOUT NO. 27.

93rd St. and Stony Island Ave.

		Cost New	Scrap Value
5 eye bolts.....	@ \$ .12	\$ .60	.....
22 wood strains.....	@ .20	4.40	.....
1 globe strain.....	@ .28	.28	.....
10 single curve hangers.....	@ .39	3.90	.....
11 double curve hangers.....	@ .59	6.49	.....
21 plain ears.....	@ .55	11.55	\$3.78
2 splicing ears.....	@ .50	1.00	.44
771 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	8.67	.....
2 section insulators.....	@ 4.00	8.00	1.20
2 iron rings.....	@ .10	.20	.....
1 solid crossing.....	@ 3.00	3.00	1.20
2 trolley frogs.....	@ 3.00	6.00	1.34
		<hr/>	<hr/>
		\$54.09	\$7.96
Labor .....		30.00	

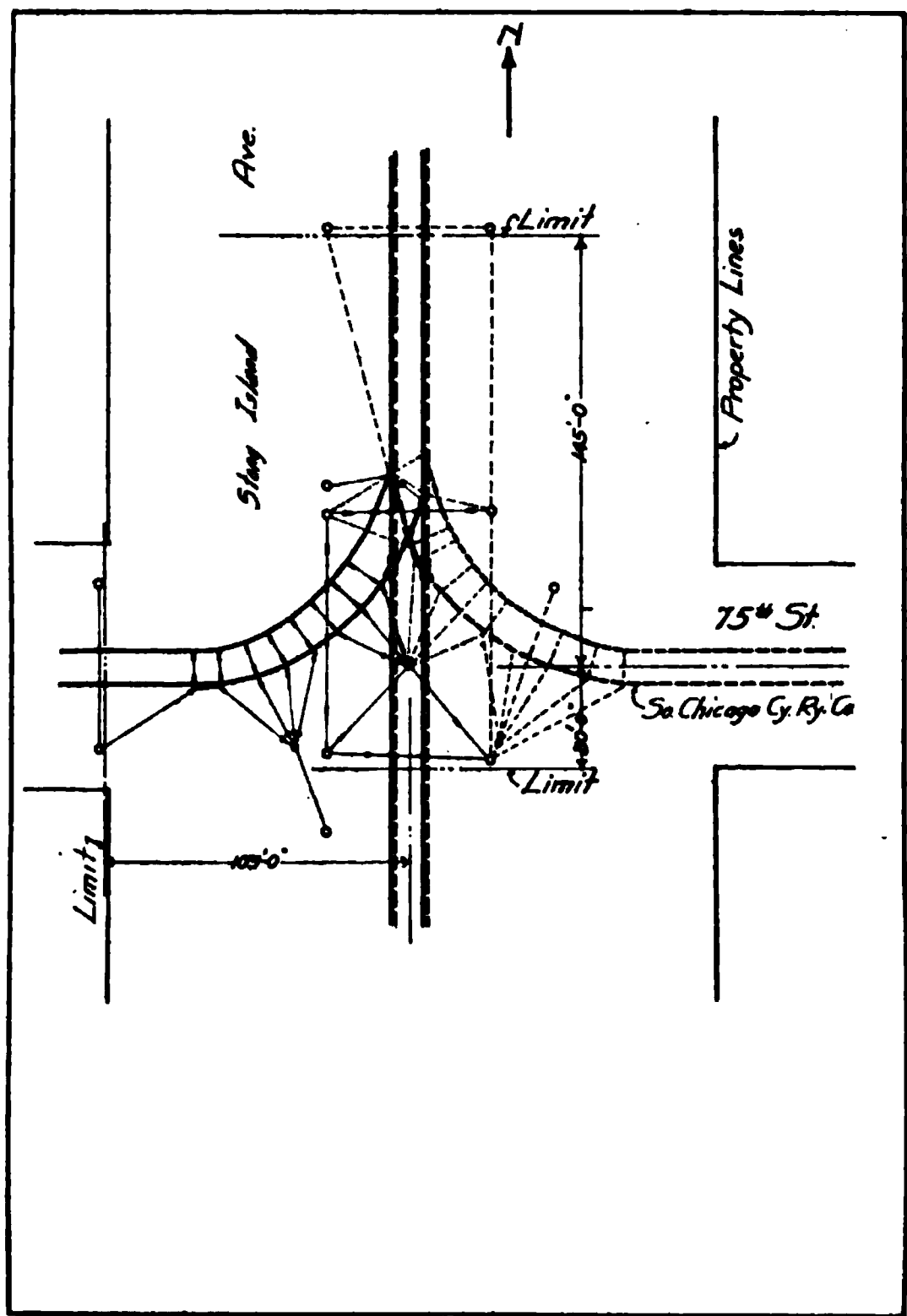


## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 28.

## South Chicago Ave. and Stony Island Ave.

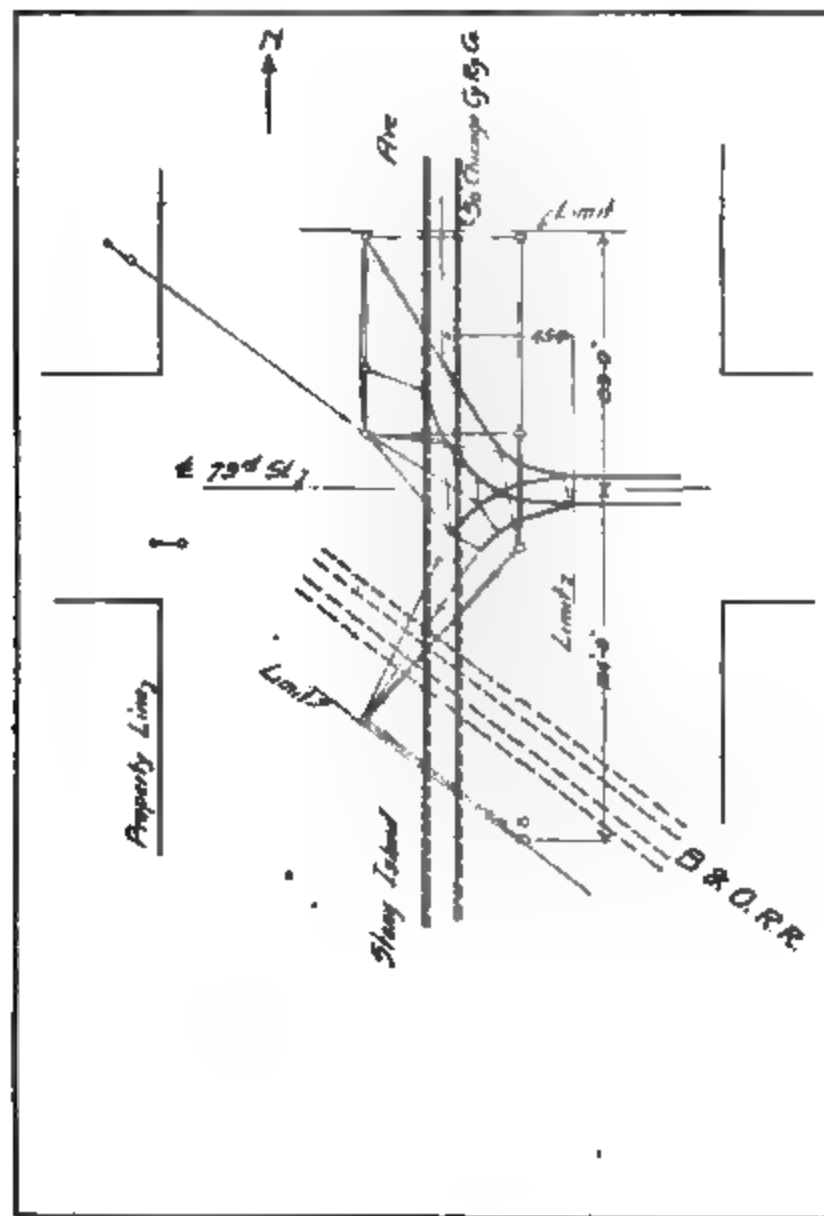
			Cost New	Scrap Value
7 eye bolts.....	⑦	\$ .12	\$ .84	.....
48 wood strains.....	@	.20	9.60	.....
3 Brooklyn insulators.....	@	.62	1.86	.....
7 straight line hangers.....	⑦	.45	3.15	.....
10 single curve hangers.....	@	.39	3.90	.....
4 double curve hangers.....	@	.59	2.36	.....
20 plain ears.....	⑦	.55	11.00	\$3.60
5 splicing ears.....	@	.50	2.50	1.10
1,215 ft. $\frac{1}{8}$ in. wire strand.....	@	.01125	13.66	.....
			<hr/>	
			\$48.87	\$4.70
Labor .....			30.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 29.

75th St. and Stony Island Ave.

		Cost New	Scrap Value
21 wood strains.....	@ \$ .20	\$ 4.20	.....
4 special strains.....	@ .20	.80	.....
10 straight line hangers.....	@ .45	4.50	.....
6 double curve hangers.....	@ .59	3.54	.....
9 single curve hangers.....	@ .39	3.51	.....
25 plain ears.....	@ .55	13.75	\$4.50
9 splicing ears.....	@ .50	4.50	1.98
2 trolley frogs.....	@ 3.00	6.00	1.64
1 insulated crossing.....	@ 3.00	3.00	.60
845 ft. $\frac{5}{8}$ in. strand wire.....	@ .01125	9.50	.....
		<hr/>	<hr/>
Labor .....		\$53.50	\$8.42
		30.00	



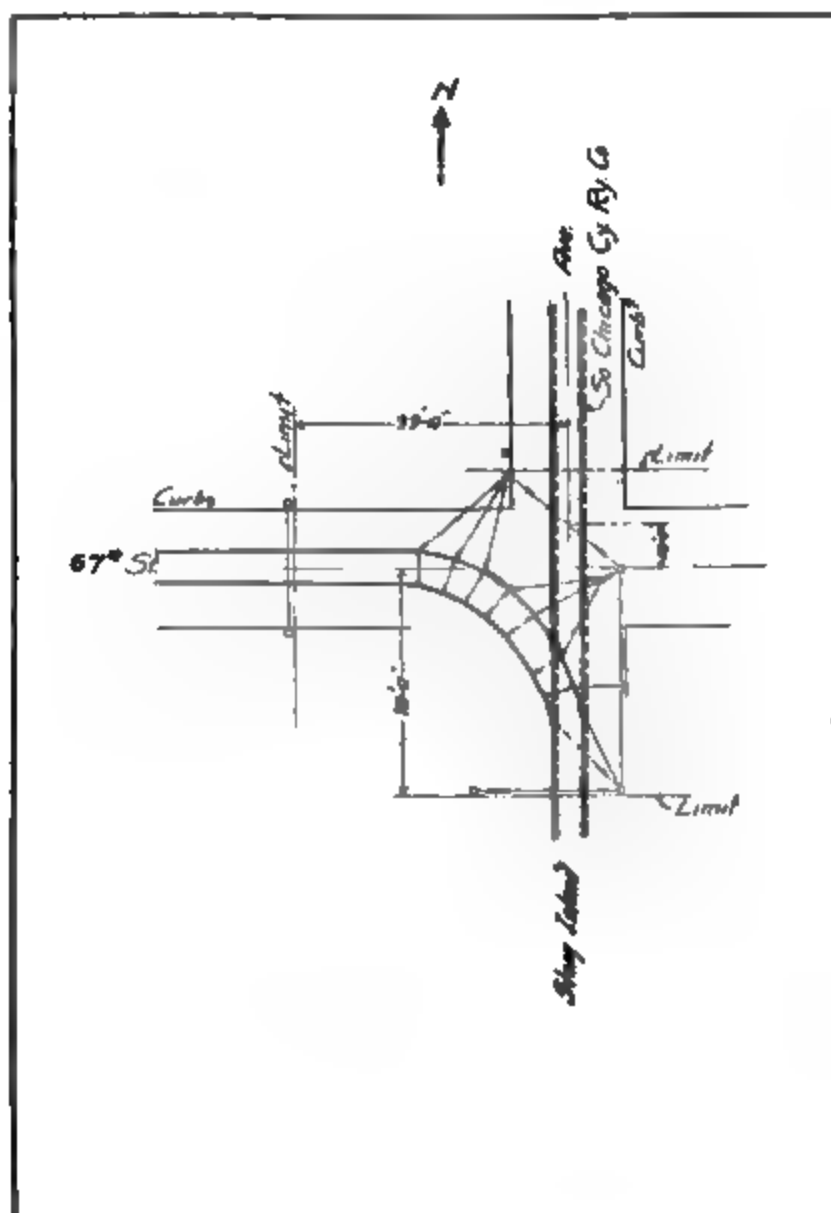
## OVERHEAD SPECIAL WORK.

## LAYOUT NO 30.

## 73rd St. and Stony Island Ave.

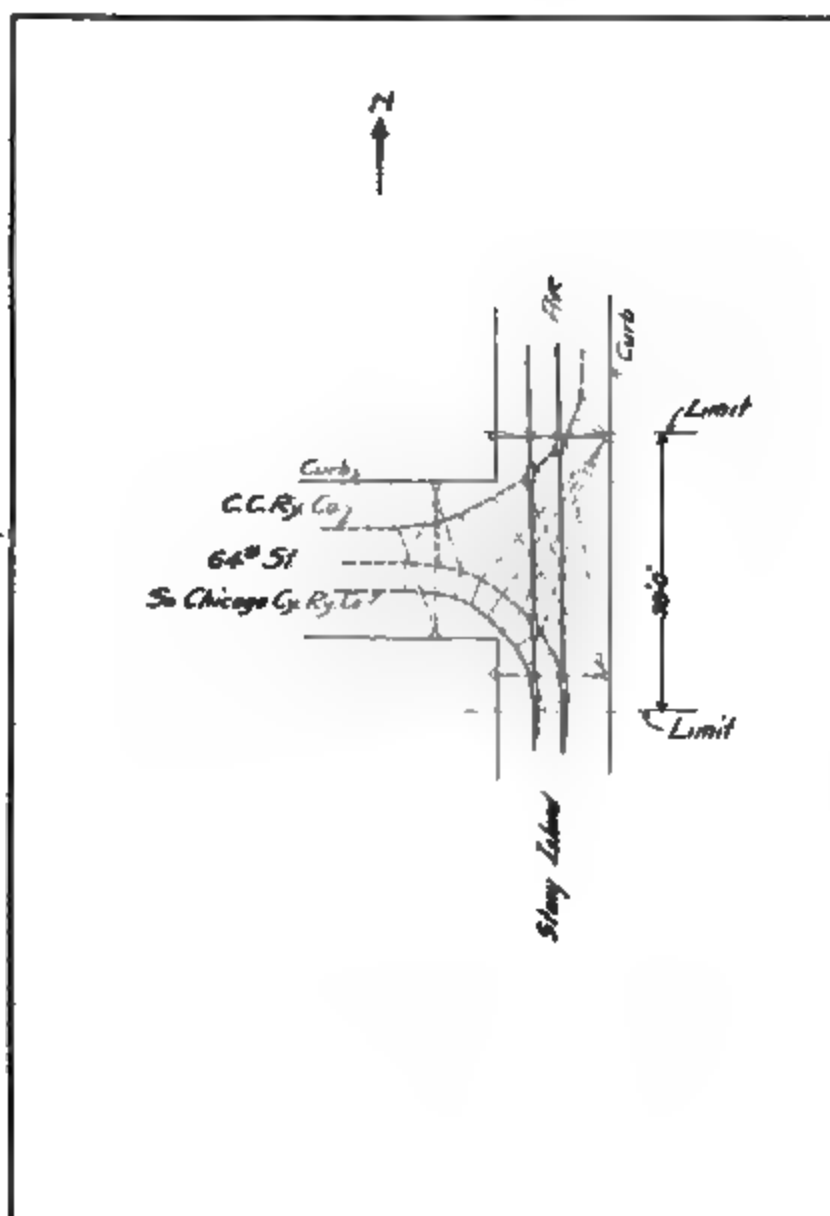
		Cost New	Scrap Value
18 eye bolts.....	@ \$ .12	\$ 2.16	.....
4 Brooklyn insulators.....	@ .62	2.48	.....
42 wood strains.....	@ .20	8.40	.....
3 globe strains.....	@ .28	.84	.....
25 straight line hangers.....	@ .45	11.25	.....
8 double curve hangers.....	@ .59	4.72	.....
5 single curve hangers.....	@ .39	1.95	.....
36 ears.....	@ .55	19.80	\$6.48
3 splicing ears.....	@ .50	1.50	.66
1 solid crossing.....	@ 3.00	3.00	1.20
1 insulated crossing (single).....	@ 4.00	4.00	.60
1 insulated crossing (double).....	@ 6.00	6.00	.90
3 trolley frogs.....	@ 3.00	9.00	2.01
1,250 ft. 1/4 in. strand wire.....	@ .0076	9.50	.....
230 ft. 1/8 in. strand wire.....	@ .01125	2.58	.....
		<hr/>	<hr/>
		\$87.18	\$11.85
Labor .....		45.00	





OVERHEAD SPECIAL WORK.  
LAYOUT NO. 31.  
67th St. and Stony Island Ave.

		Cost New	Scrap Value
11 eye bolts.....	@ \$ .12	\$ 1.32	.....
33 wood strains..	@ .20	6.60	.....
3 globe strains.....	@ .28	.84	.....
2 Brooklyn insulators.....	@ .62	1.24	.....
10 straight line hangers.....	@ .45	4.50	.....
7 double curve hangers.....	@ .59	4.13	.....
7 single curve hangers.....	@ .39	2.73	.....
1 iron ring.....	@ .10	.10	.....
1 special strain.....	@ .20	.20	.....
26 plain ears .....	@ .35	9.10	\$2.60
2 splicing ears. ....	@ .50	1.00	.44
1 double insulated crossing....	@ 6.00	6.00	.90
2 trolley frogs ..	@ 3.00	6.00	1.34
1 8 in. turnbuckle .....	@ .50	.50	.....
1 ¾ in iron rod, 20 ft. long.....	@	2.00	.....
2 iron saddle supports.....	@ .15	.30	.....
620 ft. strand wire.....	@ .01125	6.98	.....
		<b>\$53.54</b>	<b>\$5.28</b>
Labor .....		30.00	

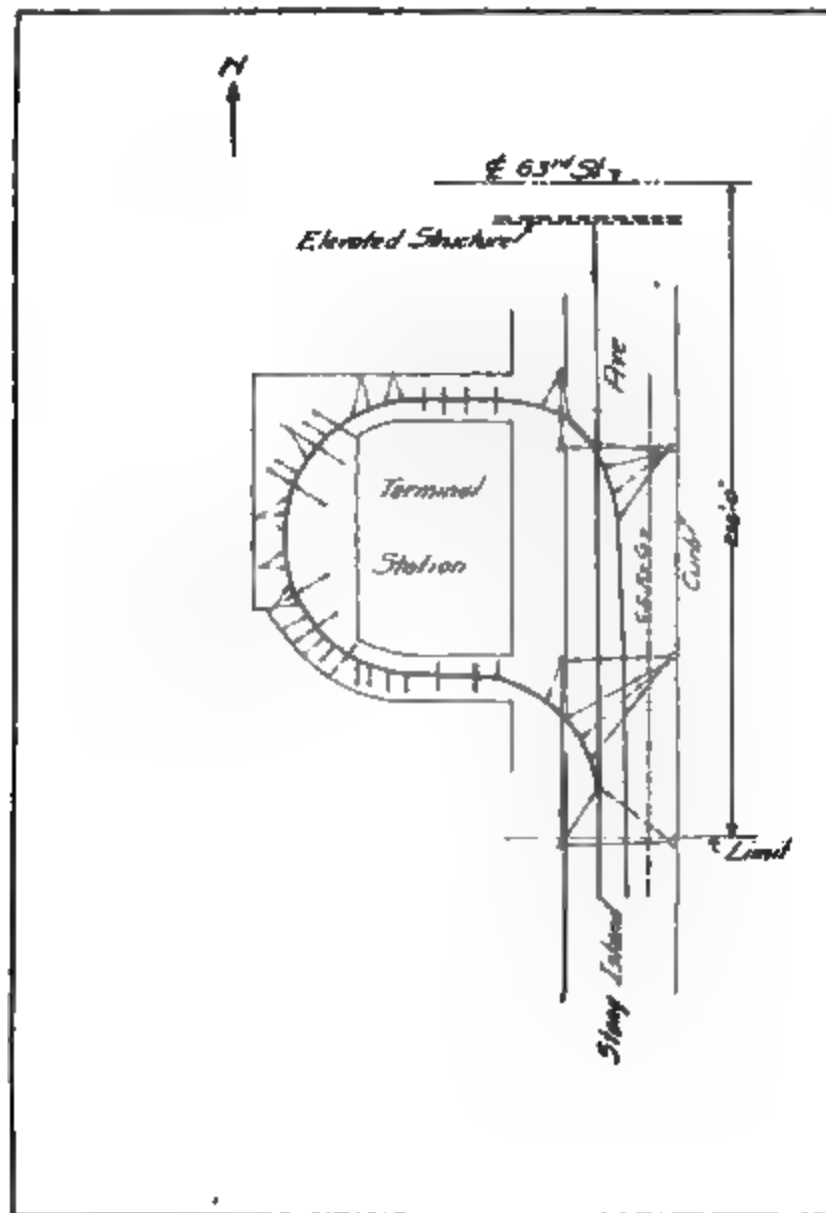


## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 32.

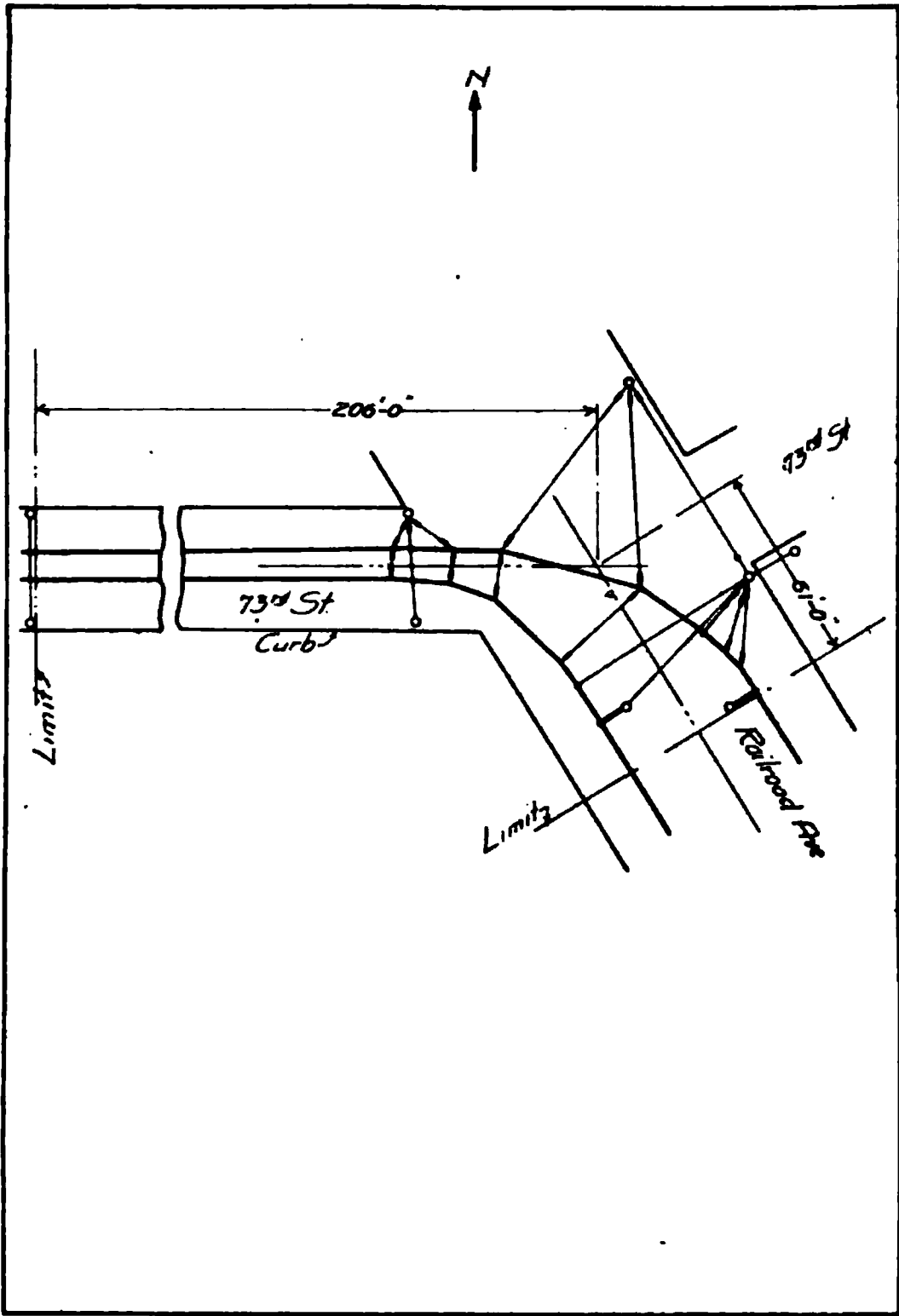
## 64th St. and Stony Island Ave.

		Cost New	Scrap Value
2 eye bolts.....	@ \$ .12	\$ .24	.....
2 wood strains.....	@ .20	.40	.....
2 straight line hangers...	@ .45	.90	.....
4 plain ears.....	@ .55	2.20	\$ .72
1 splicing ear.....	@ .50	.50	.22
2 double insulated crossing.....	@ 6.00	12.00	1.80
1 single insulated crossing.....	@ 4.00	4.00	.60
		<hr/>	<hr/>
		\$20.24	\$3.34
Labor .....		20.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 33.  
Stony Island Ave. Loop.

		Cost New	Scrap Value
12 eye bolts.....@	\$ 12	\$ 1.44	.....
115 wood strains.....@	.20	33.00	.....
7 Cutter strains.....@	.18	1.26	.....
3 Brooklyn insulators.....@	.62	1.86	.....
15 straight line hangers.....@	.45	6.75	.....
2 double curve hangers.....@	.59	1.18	.....
32 single curve hangers.....@	.39	12.48	.....
2 barn hangers.....@	.45	.90	.....
51 plain ears.....@	.55	28.05	\$9.18
6 splicing ears.....@	.50	3.00	1.32
2 section insulators.....@	4.00	8.00	1.20
1 trolley frog.....@	3.00	3.00	67
9 6 in turnbuckles.....@	.44	3.96	.....
21 hooks.....@	.12	2.52	.....
3 iron rings.....@	.10	.30	.....
223 ft. wood trough, 3 ft. wide.....@	.50	111.50	.....
915 ft strand wire, $\frac{7}{8}$ in. ....@	.01125	10.29	.....
35 ft. 2 in x $\frac{1}{4}$ in. strap iron.....@		1.78	.....
75 $\frac{3}{8}$ in. x $3\frac{1}{2}$ in. machine bolts.....@	011	.83	.....
		<hr/>	<hr/>
		\$222.30	\$12.37
Labor .....		50.00	

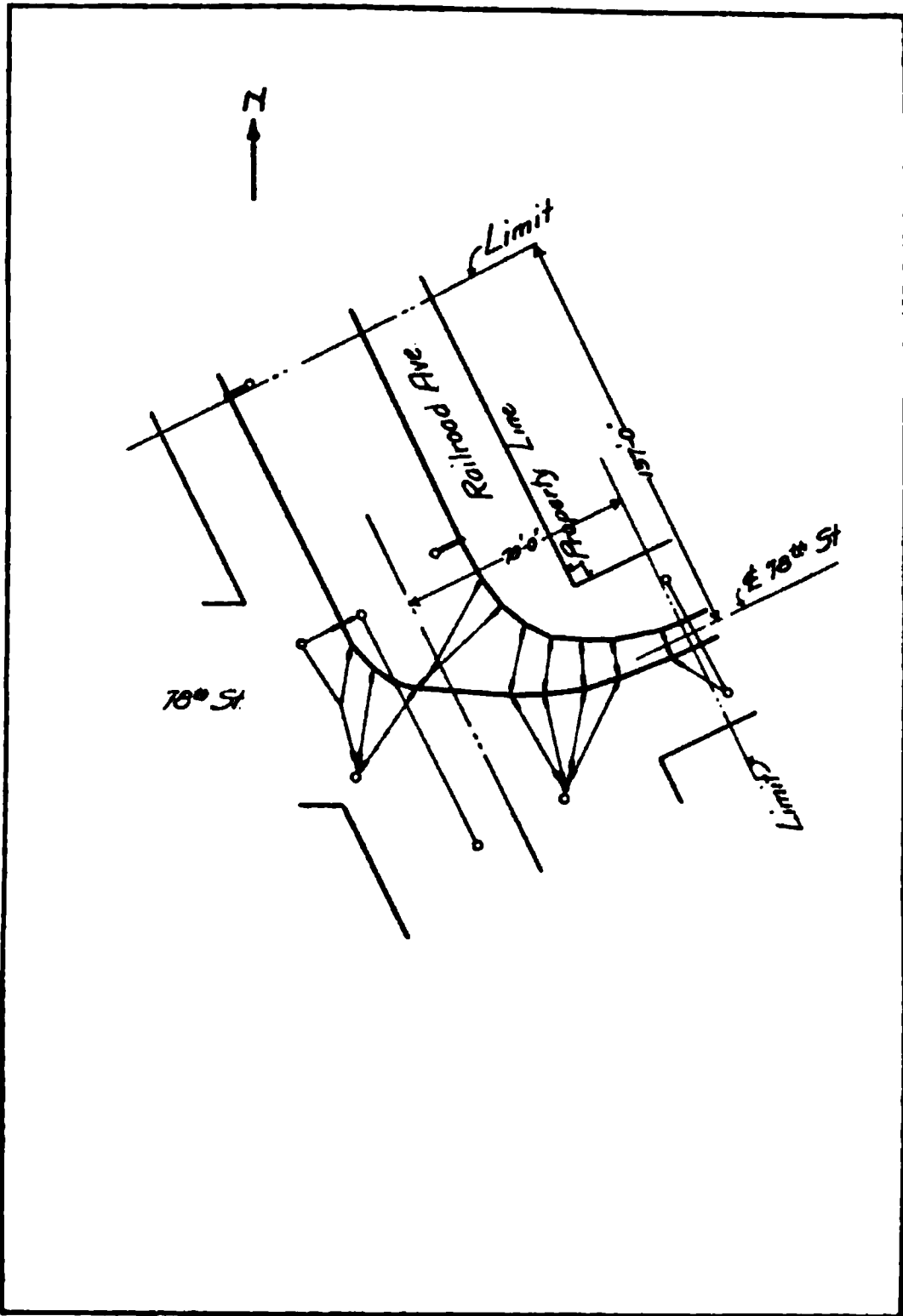


OVERHEAD SPECIAL WORK.

LAYOUT NO. 34.

73rd St. and Railroad Ave.

		Cost New	Scrap Value
6 eye bolts.....	@ \$ .12	\$ .72	.....
10 wood strains.....	@ .20	2.00	.....
5 globe strains.....	@ .28	1.40	.....
2 Brooklyn insulators.....	@ .62	1.24	.....
8 single curve hangers.....	@ .39	3.12	.....
4 double curve hangers.....	@ .59	2.36	.....
2 straight line hangers.....	@ .45	.90	.....
2 plain ears.....	@ .35	.70	\$ .20
12 plain ears.....	@ .55	6.60	2.16
582 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	6.54	.....
		<hr/>	<hr/>
Labor .....		\$25.58	\$2.36
		25.00	

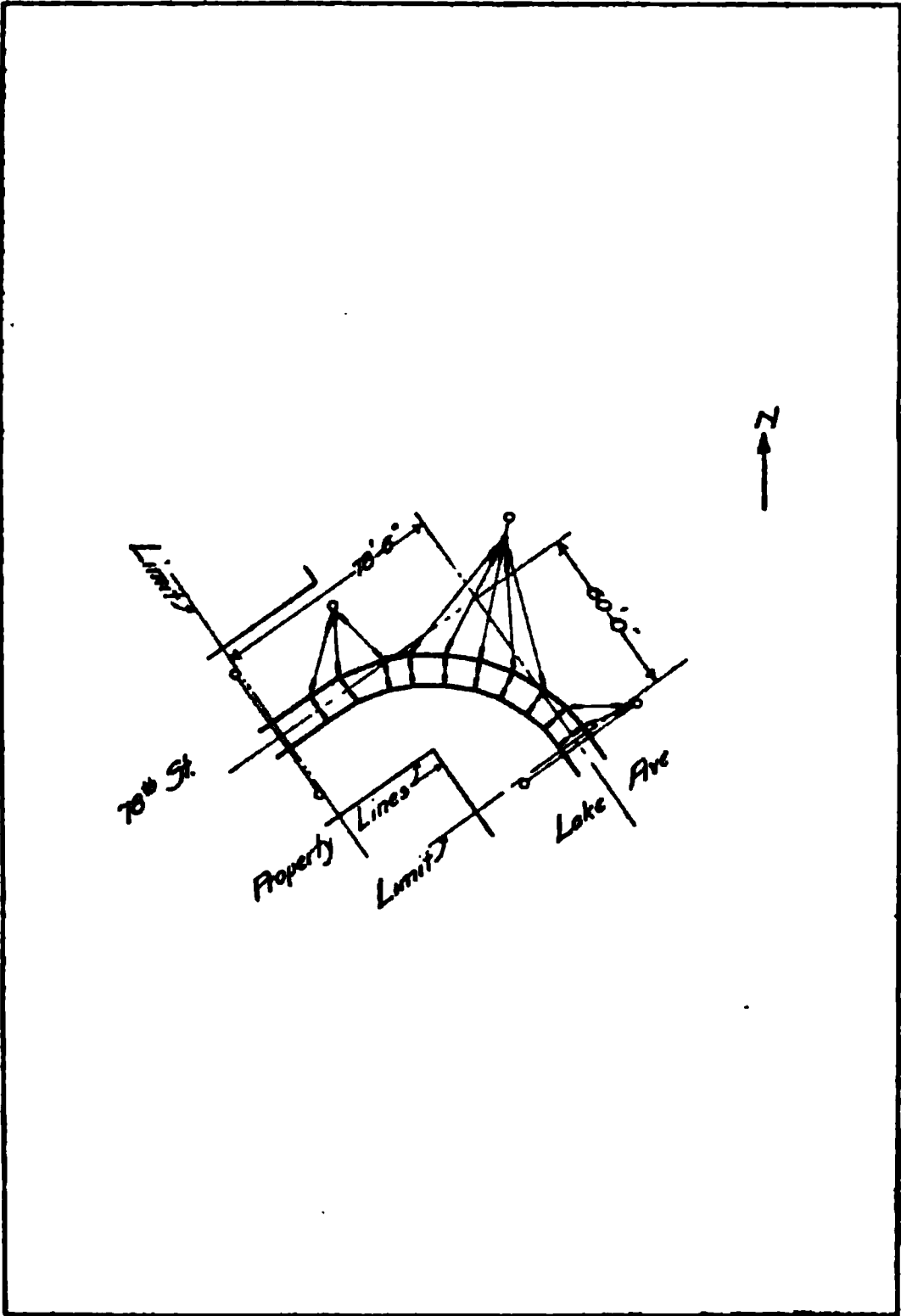


OVERHEAD SPECIAL WORK.

LAYOUT NO. 35.

78th St. and Railroad Ave.

		Cost New	Scrap Value
2 eye bolts.....	@ \$ .12	\$ .24	.....
4 wood strains.....	@ .20	.80	.....
6 globe strains.....	@ .28	1.68	.....
1 straight line hanger.....	@ .45	.45	.....
9 single curve hangers.....	@ .39	3.51	.....
7 double curve hangers.....	@ .59	4.13	.....
1 splicing sleeve.....	@ .50	.50	\$ .22
6 plain ears.....	@ .35	2.10	.60
12 plain ears.....	@ .55	6.60	2.16
550 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	6.19	.....
		<u>\$26.20</u>	<u>\$2.98</u>
Labor .....		25.00	

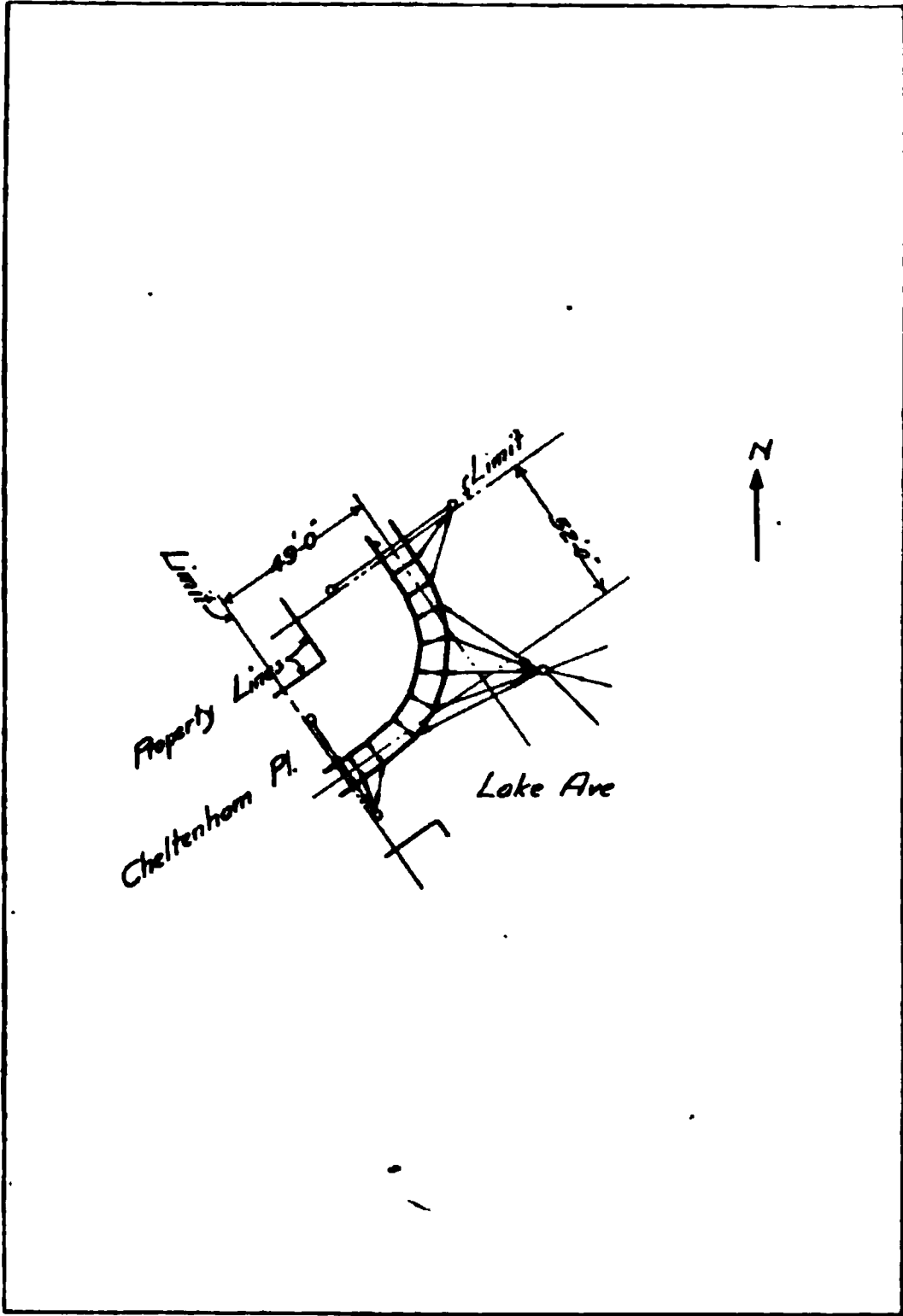


OVERHEAD SPECIAL WORK.

LAYOUT NO. 36.

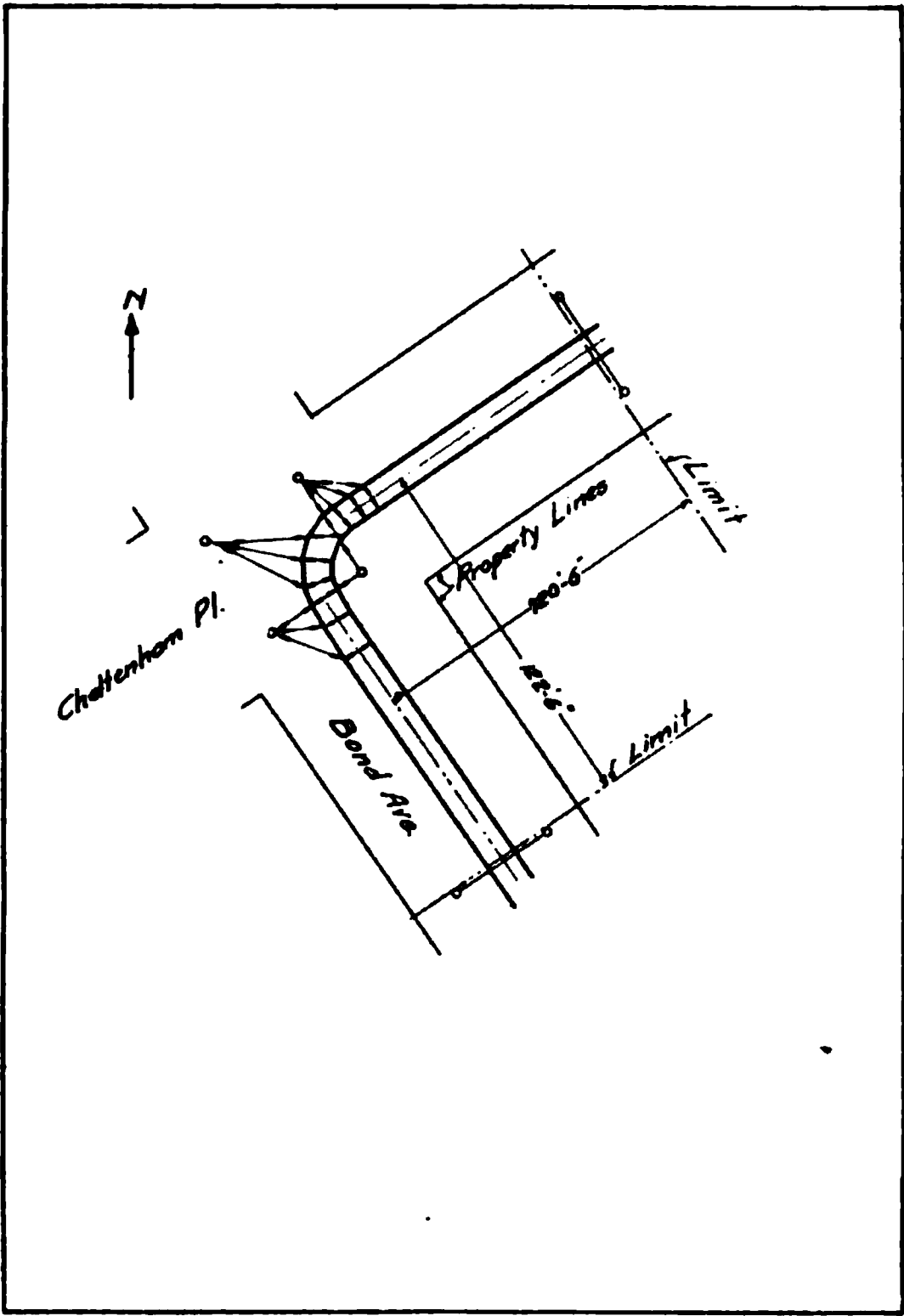
78th St. and Lake Ave.

			Cost New	Scrap Value
3 eye bolts.....	@ \$ .12	\$ .36	.....	.....
8 wood strains.....	@ .20	1.60	.....	.....
2 Brooklyn insulators.....	@ .62	1.24	.....	.....
10 single curve hangers.....	@ .39	3.90	.....	.....
10 double curve hangers.....	@ .59	5.90	.....	.....
20 plain ears.....	@ .55	11.00	\$3.60	.....
1 splicing ear.....	@ .50	.50	.22	.....
569 ft. 1/8 in. strand wire.....	@ .01125	6.40	.....	.....
			\$30.90	\$3.82
Labor .....	:	20.00		



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 37.  
Cheltenham Place and Lake Ave.

		Cost New	Scrap Value
2 eye bolts.....@	\$ .12	\$ .24	.....
3 wood strains.....@	.20	.60	.....
6 globe strains.....@	.28	1.68	.....
4 Brooklyn insulators.....@	.62	2.48	.....
8 single curve hangers.....@	.39	3.12	.....
8 double curve hangers.....@	.59	4.72	.....
2 straight line hangers.....@	.45	.90	.....
18 plain ears.....@	.55	9.90	\$3.24
449 ft. $\frac{5}{8}$ strand wire.....@	.01125	5.05	.....
		<hr/>	<hr/>
		\$28.69	\$3.24
Labor .....		20.00	



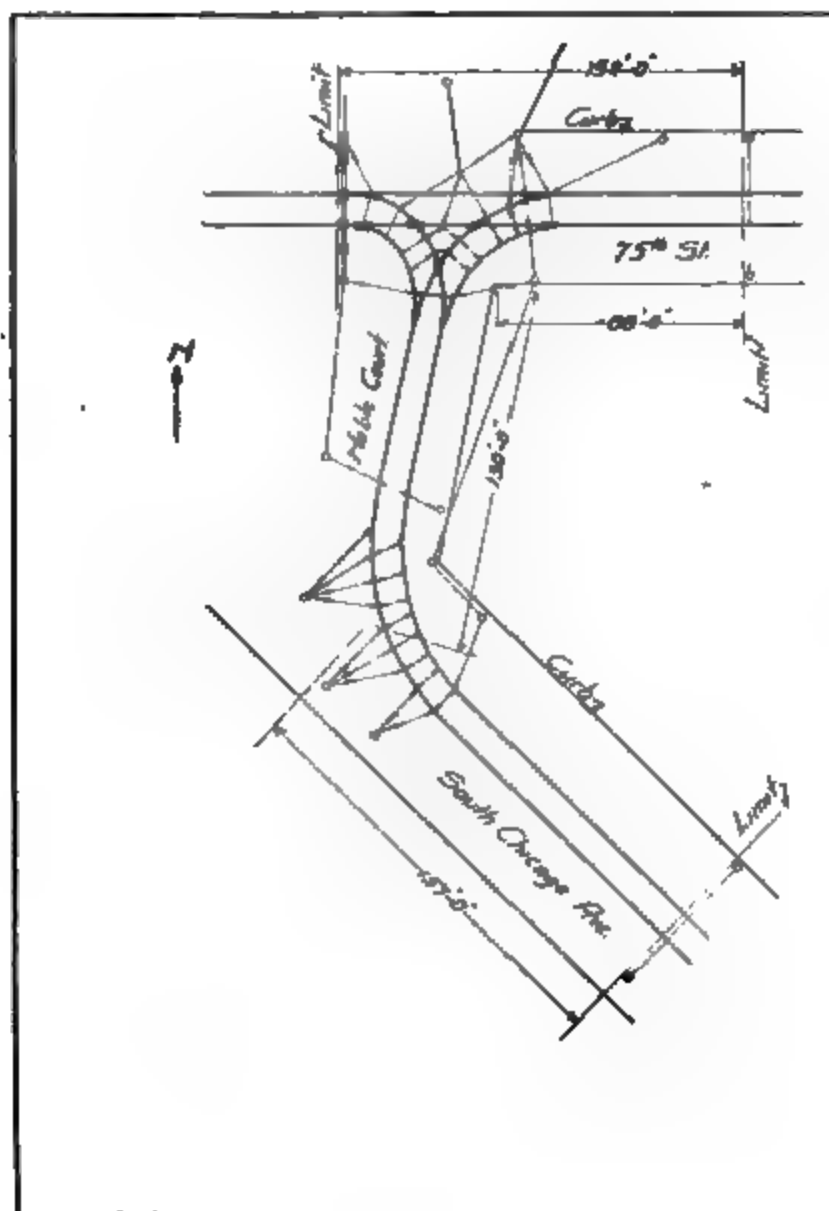
OVERHEAD SPECIAL WORK.

LAYOUT NO. 38.

Cheltenham Place and Bond Ave.

		Cost New	Scrap Value
5 eye bolts.....	@ \$ .12	\$ .60	.....
12 wood strains.....	@ .20	2.40	.....
8 single curve hangers.....	@ .39	3.12	.....
12 double curve hangers.....	@ .59	7.08	.....
10 plain ears.....	@ .35	3.50	\$1.00
10 plain ears.....	@ .55	5.50	1.80
2 splicing ears.....	@ .50	1.00	.44
381 ft. 5/8 in. strand wire.....	@ .01125	4.28	.....
		<hr/>	<hr/>
		\$27.48	\$3.24
Labor .....		25.00	



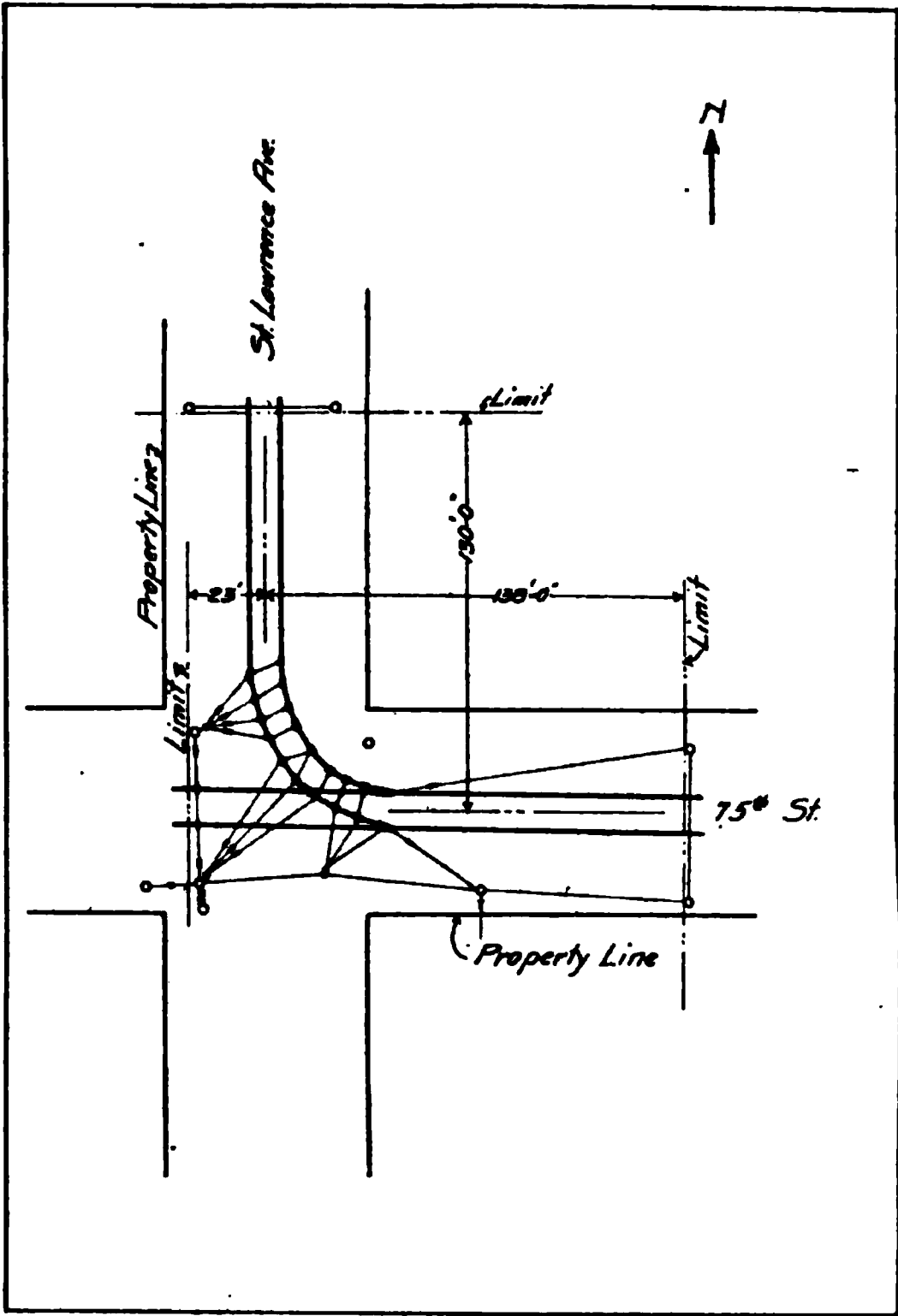


## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 39.

## 75th St. and South Chicago Ave.

		Cost New	Scrap Value
7 eye bolts.....	@ \$ .12	\$ .84	.....
15 wood strains.....	@ .20	3.00	.....
2 globe strains.....	@ .28	.56	.....
9 straight line hangers.....	@ .45	4.05	.....
15 single curve hangers.....	@ .39	5.85	.....
20 double curve hangers.....	@ .59	11.80	.....
4 plain ears.....	@ .35	1.40	\$ .40
32 plain ears.....	@ .55	17.60	5.76
7 splicing ears.....	@ .50	3.50	1.54
4 splicing sleeves.....	@ .50	2.00	.88
9 trolley frogs.....	@ 3.00	27.00	6.03
1,022 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	11.49	.....
286 ft. $\frac{1}{4}$ in. strand wire.....	@ .0076	2.17	.....
		<hr/>	
		\$91.26	\$14.61
Labor .....		80.00	

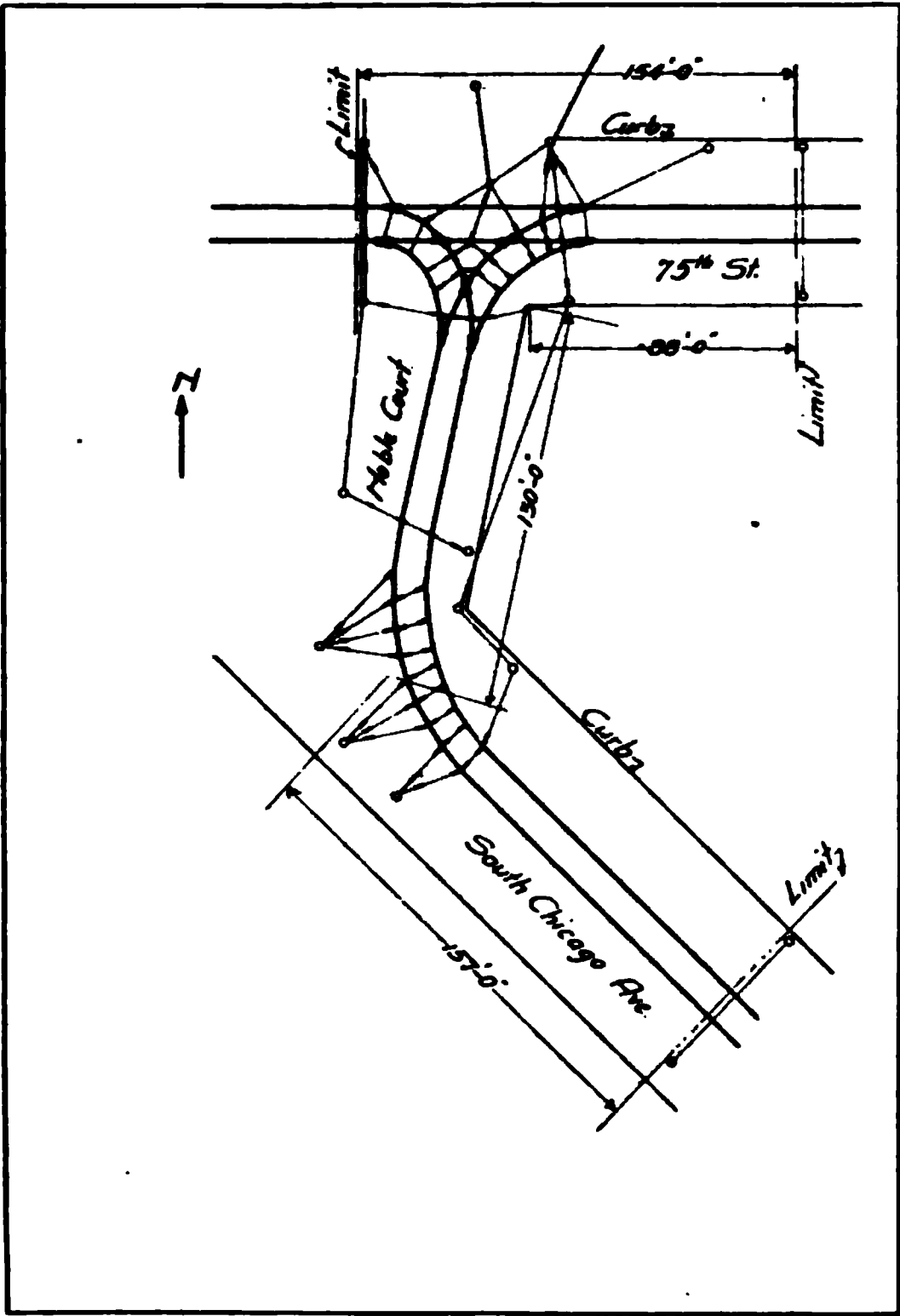


OVERHEAD SPECIAL WORK.

LAYOUT NO. 40.

75th St. and St. Lawrence Ave.

		Cost New	Scrap Value
5 eye bolts.....	@ \$ .12	\$ .60	.....
14 wood strains.....	@ .20	2.80	.....
3 globe strains.....	@ .28	.84	.....
2 Brooklyn insulators.....	@ .62	1.24	.....
5 straight line hangers.....	@ .45	2.25	.....
9 double curve hangers.....	@ .19	1.71	.....
8 single curve hangers.....	@ .19	1.52	.....
2 special strains.....	@ .20	.40	.....
3 iron rings.....	@ .10	.30	.....
22 plain ears.....	@ .55	12.10	\$3.96
3 splicing ears.....	@ .50	1.50	.66
3 trolley frogs.....	@ 3.00	9.00	2.00
860 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	9.67	.....
		<hr/>	<hr/>
		\$43.93	\$6.62
Labor .....		30.00	

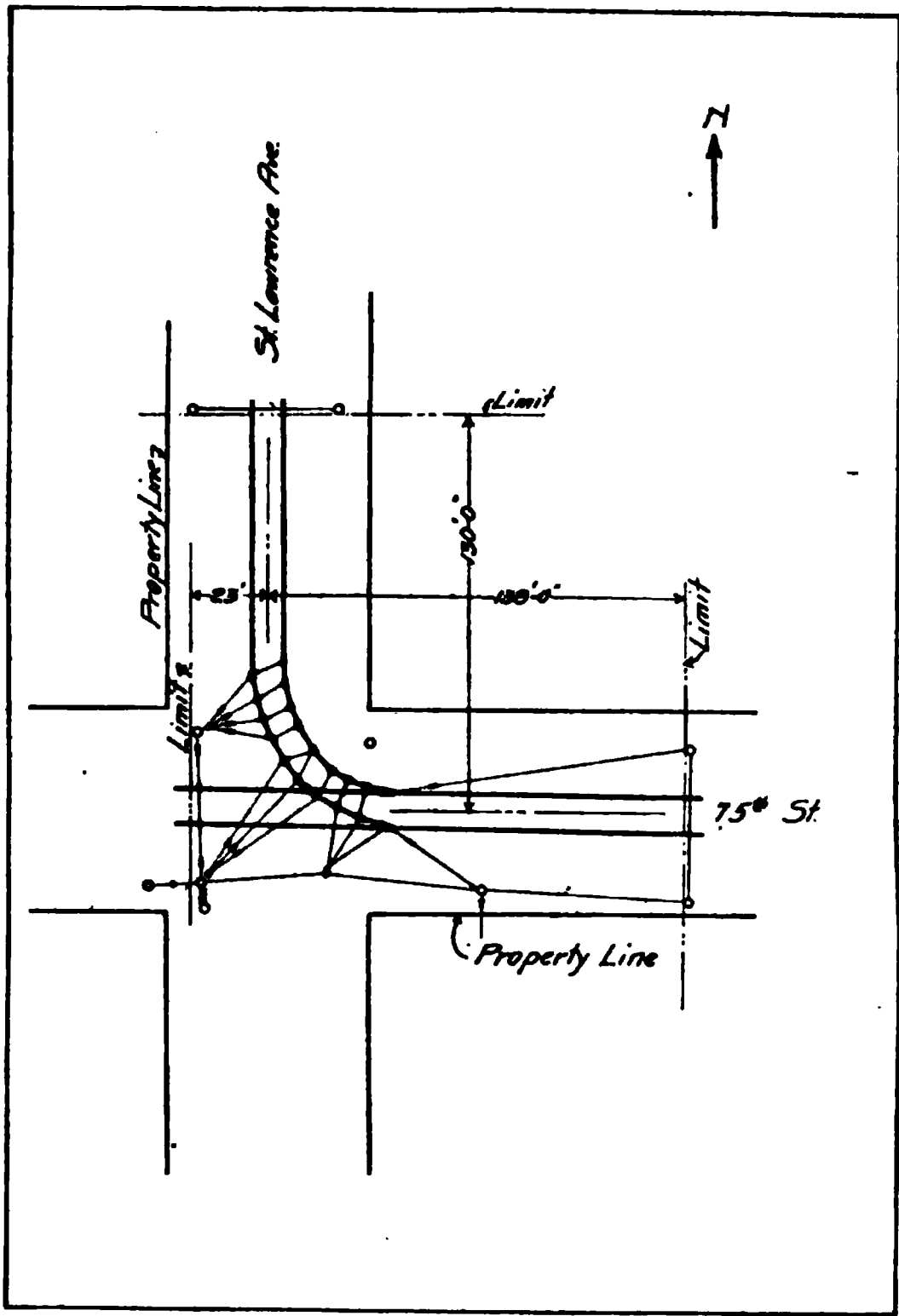


OVERHEAD SPECIAL WORK.

LAYOUT NO. 39.

75th St. and South Chicago Ave.

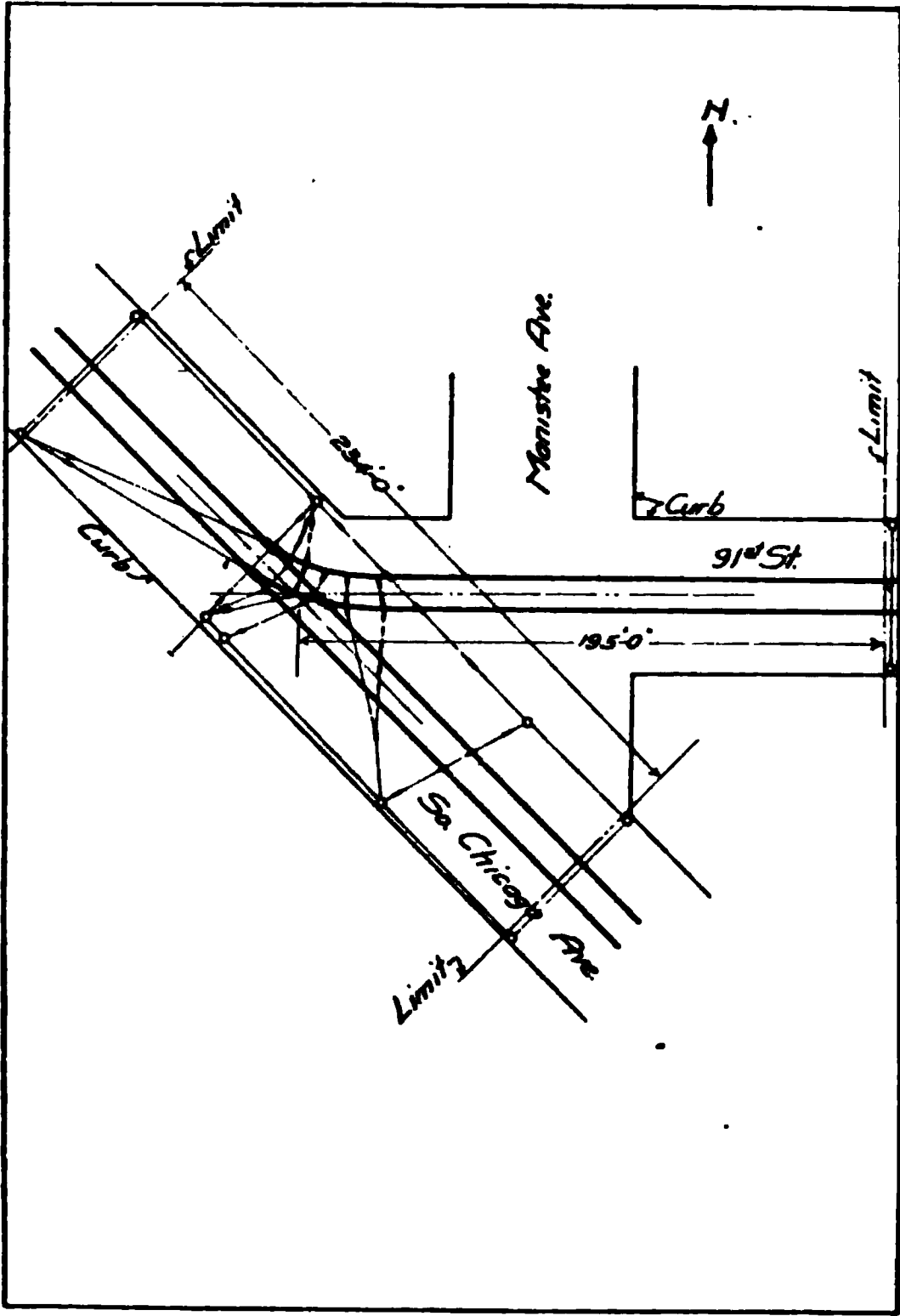
		Cost New	Scrap Value
7 eye bolts.....	@ \$ .12	\$ .84	.....
15 wood strains.....	@ .20	3.00	.....
2 globe strains.....	@ .28	.56	.....
9 straight line hangers.....	@ .45	4.05	.....
15 single curve hangers.....	@ .39	5.85	.....
20 double curve hangers.....	@ .59	11.80	.....
4 plain ears.....	@ .35	1.40	\$ .40
32 plain ears.....	@ .55	17.60	5.76
7 splicing ears.....	@ .50	3.50	1.54
4 splicing sleeves.....	@ .50	2.00	.88
9 trolley frogs.....	@ 3.00	27.00	6.03
1,022 ft. $\frac{5}{8}$ in. strand wire.....	@ .01125	11.49	.....
286 ft. $\frac{1}{4}$ in. strand wire.....	@ .0076	2.17	.....
		<hr/>	<hr/>
		\$91.26	\$14.61
Labor .....		80.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 40.

75th St. and St. Lawrence Ave.

		Cost New	Scrap Value
5 eye bolts.....	@ \$ .12	\$ .60	.....
14 wood strains.....	@ .20	2.80	.....
3 globe strains.....	@ .28	.84	.....
2 Brooklyn insulators.....	@ .62	1.24	.....
5 straight line hangers.....	@ .45	2.25	.....
9 double curve hangers.....	@ .19	1.71	.....
8 single curve hangers.....	@ .19	1.52	.....
2 special strains.....	@ .20	.40	.....
3 iron rings.....	@ .10	.30	.....
22 plain ears.....	@ .55	12.10	\$3.96
3 splicing ears.....	@ .50	1.50	.66
3 trolley frogs.....	@ 3.00	9.00	2.00
860 ft. 5/8 in. strand wire.....	@ .01125	9.67	.....
		<hr/>	<hr/>
		\$43.93	\$6.62
Labor .....		30.00	

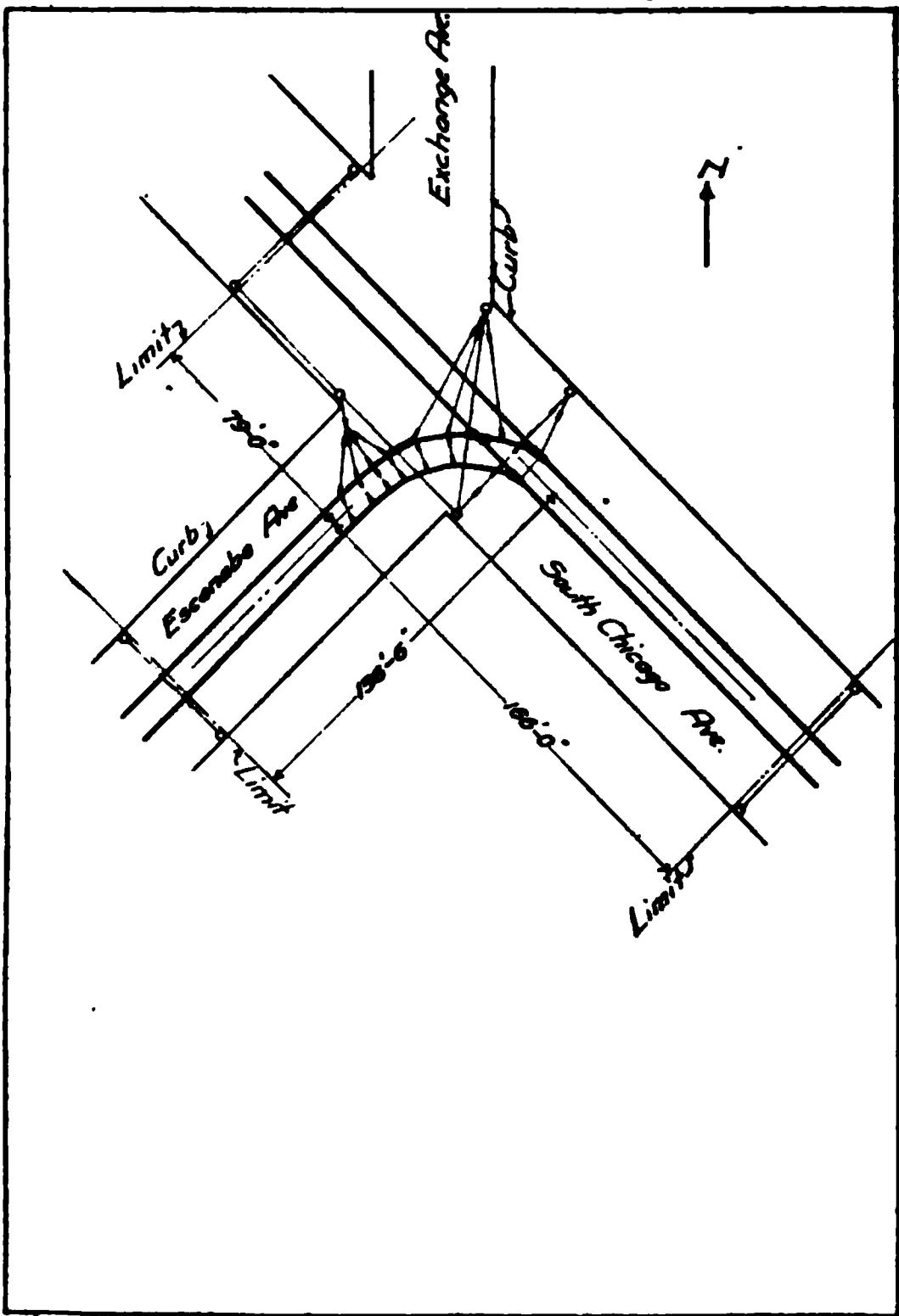


OVERHEAD SPECIAL WORK.

LAYOUT NO. 41.

91st St. and South Chicago Ave.

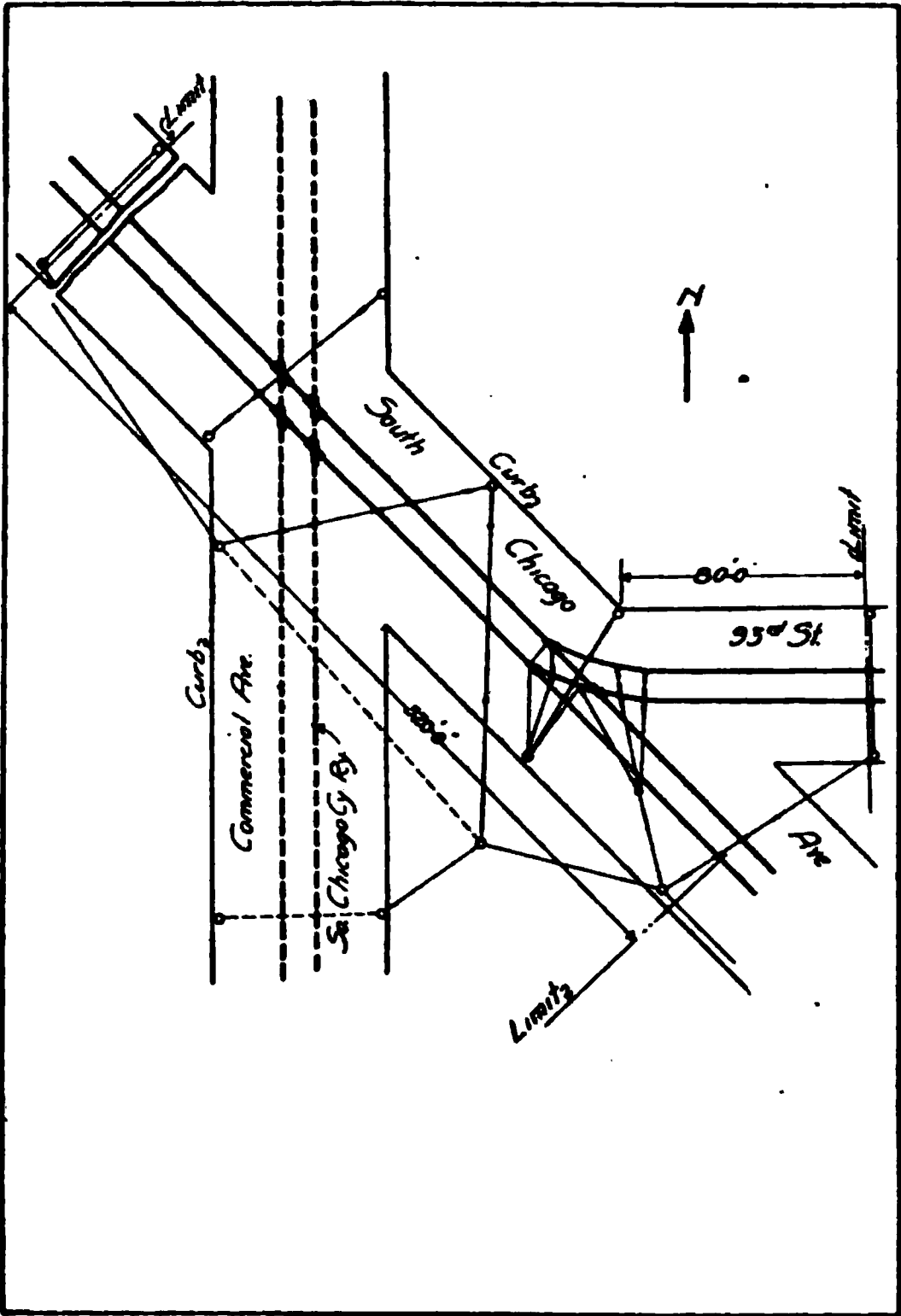
		Cost New	Scrap Value
7 eye bolts.....	@ \$ .12	\$ .84	.....
18 wood strains.....	@ .20	3.60	.....
3 single curve hangers.....	@ .39	1.17	.....
5 double curve hangers.....	@ .59	2.95	.....
6 straight line hangers.....	@ .45	2.70	.. ..
6 plain ears.....	@ .35	2.10	\$ .60
9 plain ears.....	@ .55	4.95	1.62
7 splicing sleeves.....	@ .50	3.50	1.54
3 splicing ears.....	@ .50	1.50	.66
3 trolley frogs.....	@ 3.00	9.00	2.00
900 ft. $\frac{7}{8}$ in. strand wire.....	@ .01125	10.12	.....
		<hr/>	<hr/>
		\$42.43	\$6.42
Labor .....		30.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 42.

South Chicago Ave. and Escanaba Ave.

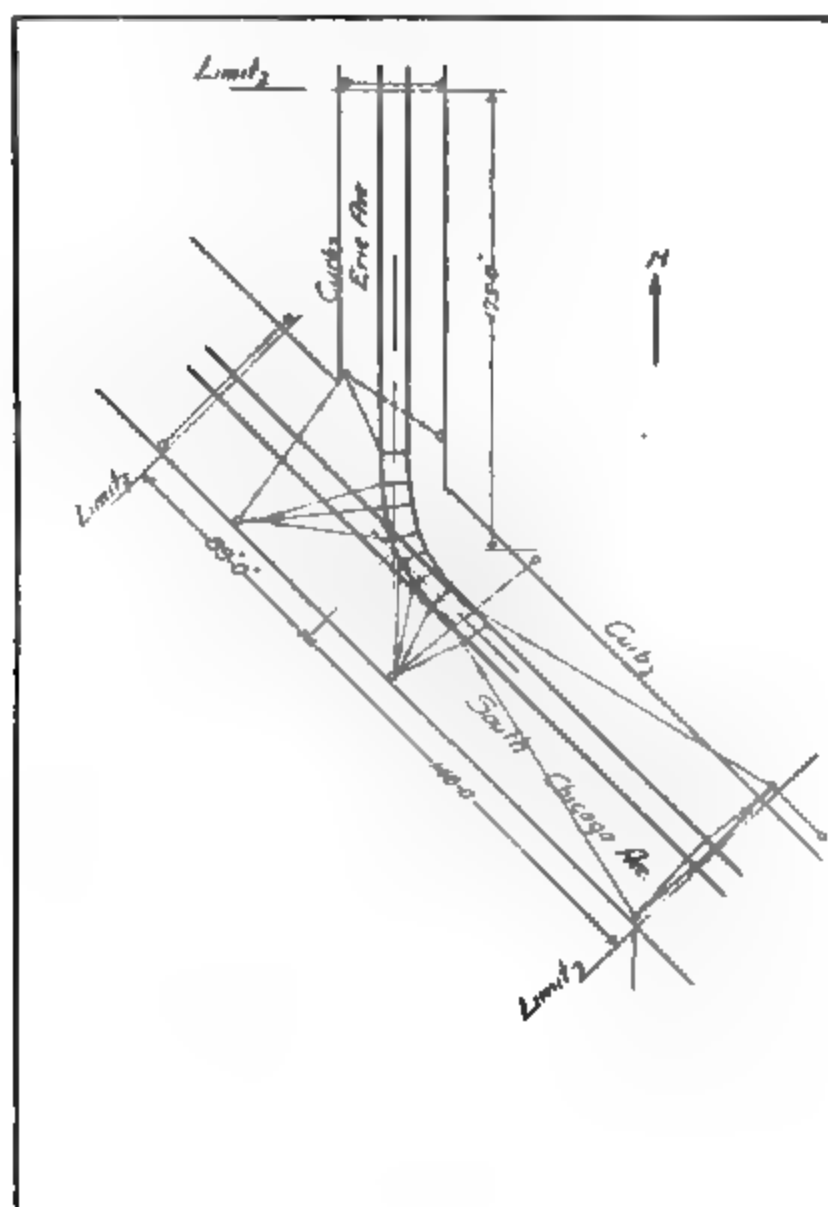
		Cost New	Scrap Value
2 eye bolts.....	@ \$ .12	\$ .24	.....
10 wood strains.....	@ .20	2.00	.....
4 Brooklyn insulators.....	@ .62	2.48	.....
7 single curve hangers.....	@ .39	2.73	.....
8 double curve hangers.....	@ .59	4.72	.....
3 plain ears.....	@ .35	1.05	\$ .30
12 plain ears.....	@ .55	6.60	2.16
1 splicing ear.....	@ .50	.50	.22
5 splicing sleeves.....	@ .50	2.50	1.10
3 trolley frogs.....	@ 3.00	9.00	2.00
675 ft. $\frac{7}{8}$ in. strand wire.....	@ .01125	6.59	.....
		<hr/>	<hr/>
		\$38.41	\$5.78
Labor .....		30.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 43.

93rd St. and South Chicago Ave.

		Cost New	Scrap Value
6 eye bolts.....	@ \$ .12	\$ .72	.....
5 globe strains.....	@ .28	1.40	.....
5 wood strains.....	@ .20	1.00	.....
4 single curve hangers.....	@ .39	1.56	.....
3 double curve hangers.....	@ .59	1.77	.....
9 straight line hangers.....	@ .45	4.05	.....
8 splicing sleeves.....	@ .50	4.00	\$1.76
11 plain ears.....	@ .35	3.85	1.10
3 plain ears.....	@ .55	1.65	.54
4 insulated crossings.....	@ 4.00	16.00	2.40
3 trolley frogs.....	@ 3.00	9.00	2.00
750 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	8.43	.....
		<hr/>	<hr/>
		\$53.43	\$7.80
Labor .....		50.00	



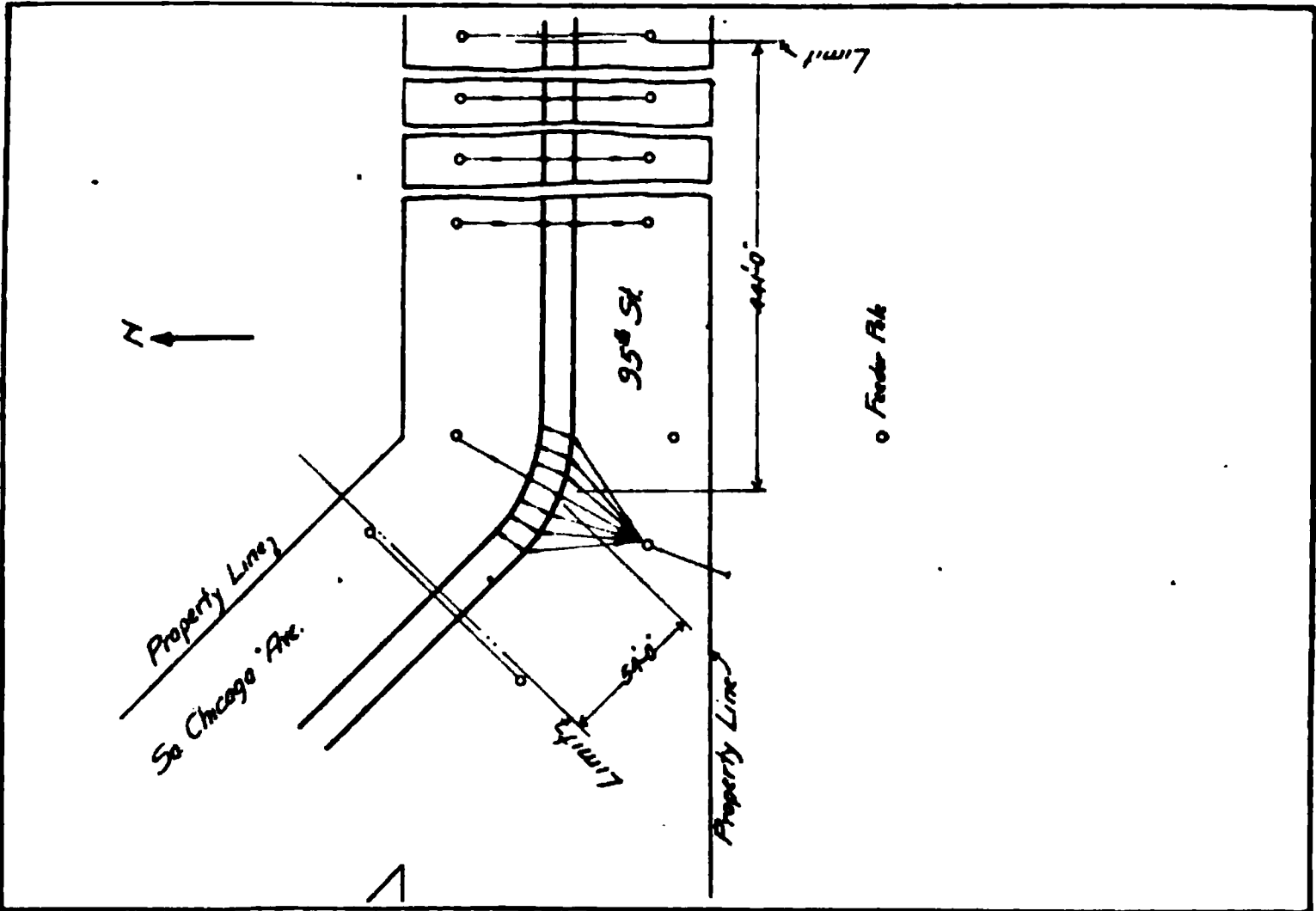
## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 44.

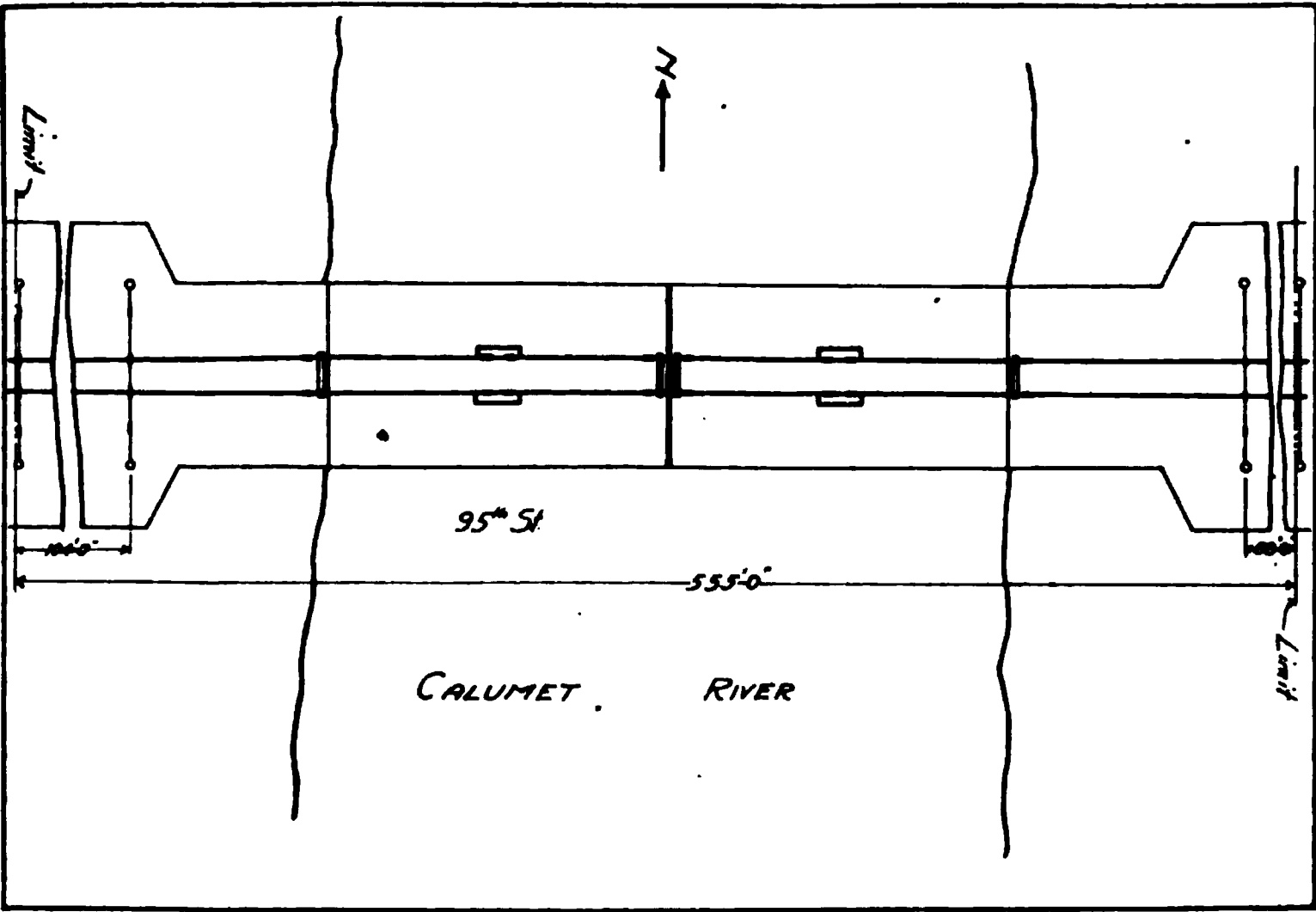
## South Chicago Ave and Erie Ave.

		Cost New	Scrap Value
8 eye bolts.....	@ \$ .12	\$ .96	.....
14 wood strains.....	@ .20	2.80	.....
2 Brooklyn insulators....	@ .62	1.24	.....
3 plain ears.....	@ .35	1.05	\$ .30
16 plain ears.....	@ .55	8.80	2.88
1 splicing ear.....	@ .50	.50	.22
1 strain ear.....	@ .50	.50	.22
6 single curve hangers.....	@ .39	2.34	.....
6 double curve hangers .....	@ .59	3.54	.....
7 straight line hangers.....	@ .45	3.15	.....
3 trolley frogs.....	@ 3.00	9.00	2.00
		<hr/>	<hr/>
		\$33.88	\$5.62
Labor .....		30.00	





LAYOUT NO. 45A.  
95th St. and South Chicago Av.



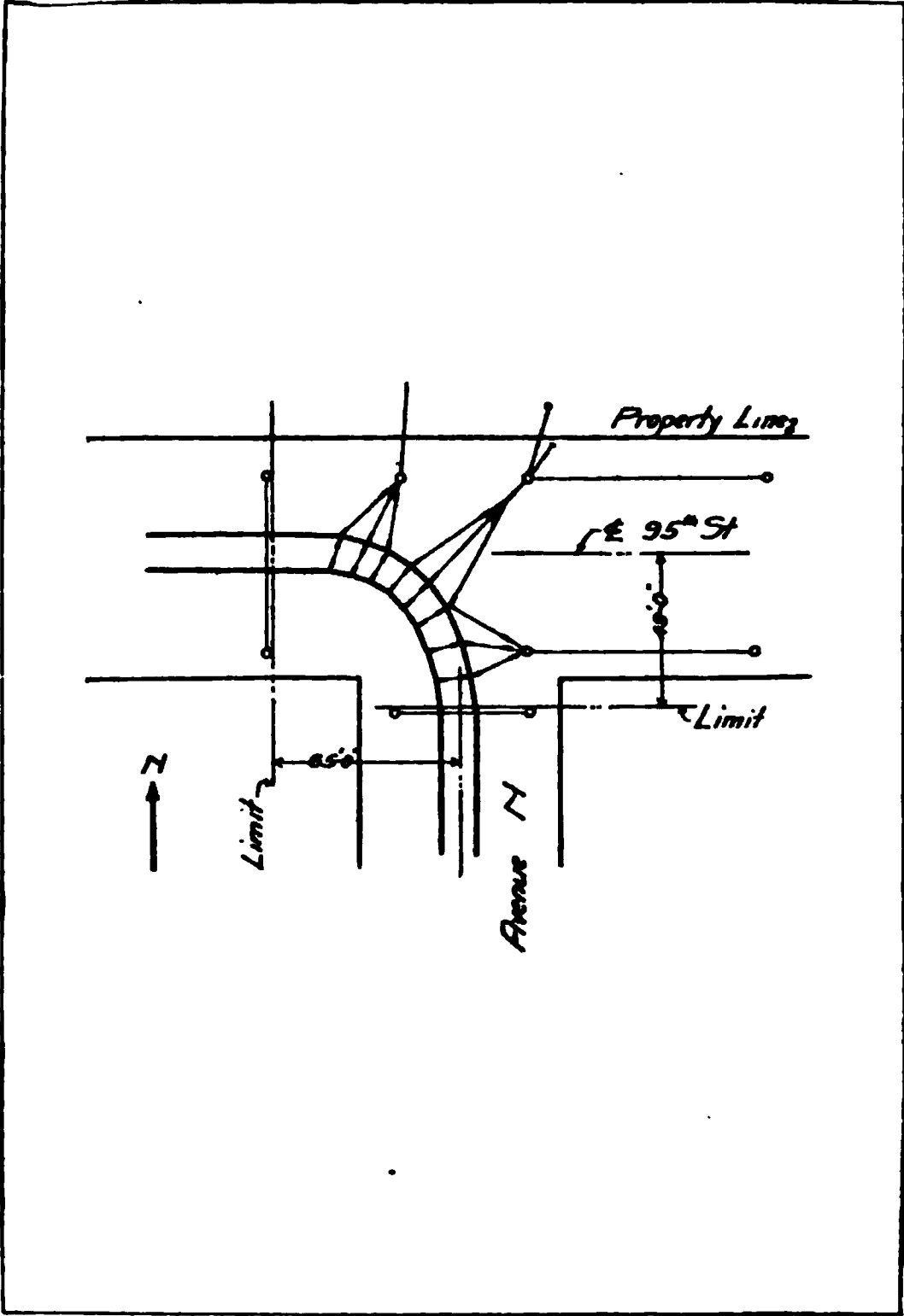
LAYOUT NO. 45B.  
95th St. and South Chicago Av.

OVERHEAD SPECIAL WORK.

LAYOUT NO. 45 (A & B).

95th St. and South Chicago Ave.

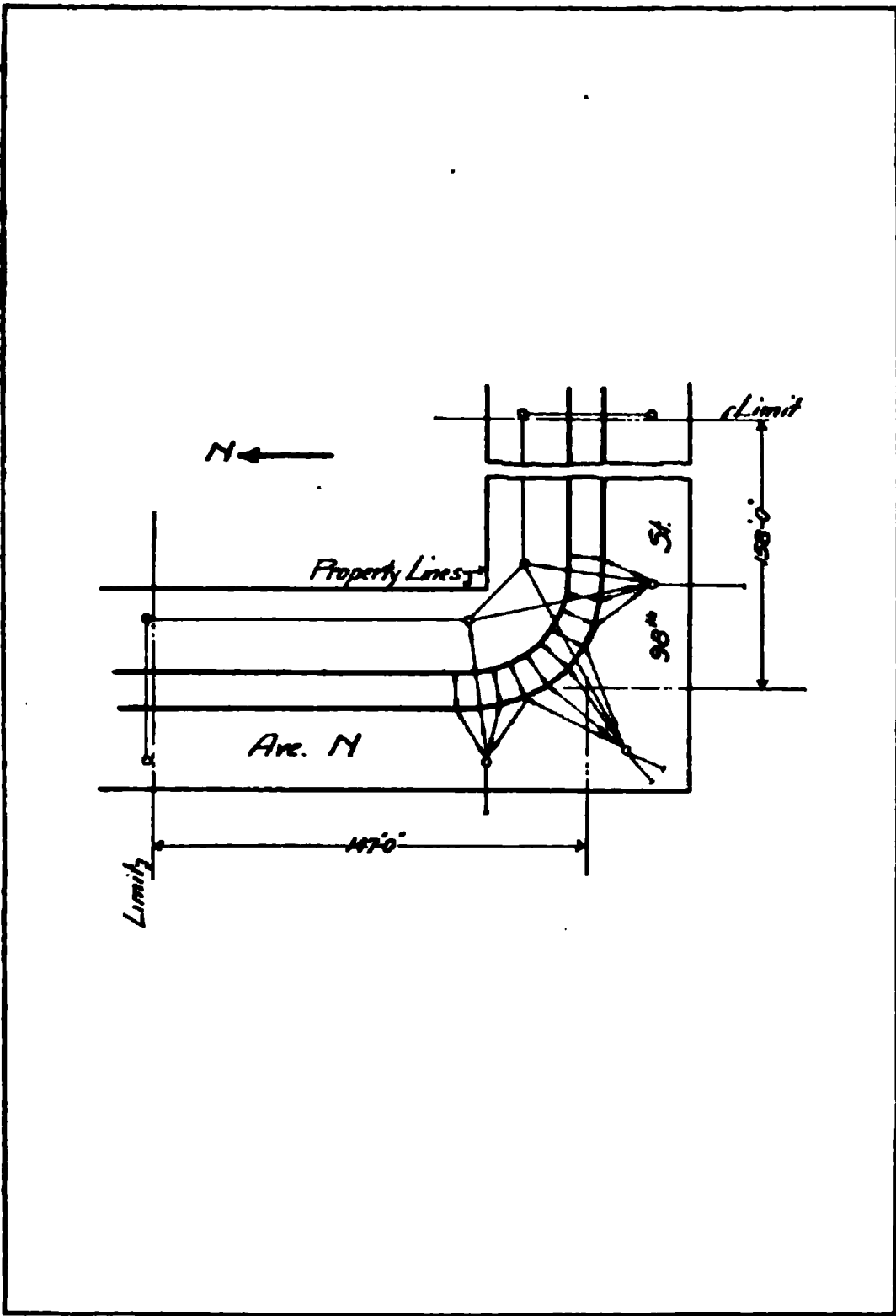
		Cost New	Scrap Value
13 eye bolts.....@	\$ .12	\$ 1.56	.....
27 wood strains.....@	.20	5.40	.....
2 Brooklyn insulators.....@	.62	1.24	.....
6 single curve hangers.....@	.39	2.34	.....
6 double curve hangers.....@	.59	3.54	.....
16 straight line hangers.....@	.45	7.20	.....
4 special hangers.....@	2.50	10.00	\$4.00
10 splicing sleeves.....@	.50	5.00	2.20
17 plain ears.....@	.35	5.95	1.70
11 plain ears.....@	.55	6.60	1.98
1 splicing ear.....@	.50	.50	.22
12 section insulators.....@	4.00	48.00	7.20
850 ft. 1/8 in. strand wire.....@	.01125	9.56	.....
4 trolley tightening devices.....@	6.25	25.00	10.00
12 insulating blocks.....@	.75	9.00	.....
		<hr/>	<hr/>
		\$140.89	\$27.30
Labor .....		83.00	



OVERHEAD SPECIAL WORK.  
LAYOUT NO. 46.

95th St. and Avenue N.

		Cost New	Scrap Value
7 eye bolts.....	@ \$ .12	\$ .84	.....
10 wood strains.....	@ .20	2.00	.....
1 globe strain.....	@ .28	.28	.....
3 Brooklyn insulators.....	@ .62	1.86	.....
8 single curve hangers.....	@ .39	3.12	.....
8 double curve hangers.....	@ .59	4.72	.....
2 straight line hangers.....	@ .45	.90	.....
19 plain ears.....	@ .55	10.45	\$3.42
150 ft. 1/4 in. strand wire.....	@ .0076	1.14	.....
500 ft. 5/8 in. strand wire.....	@ .01125	5.62	.....
		<hr/>	<hr/>
		\$30.93	\$3.42
Labor .....		20.00	

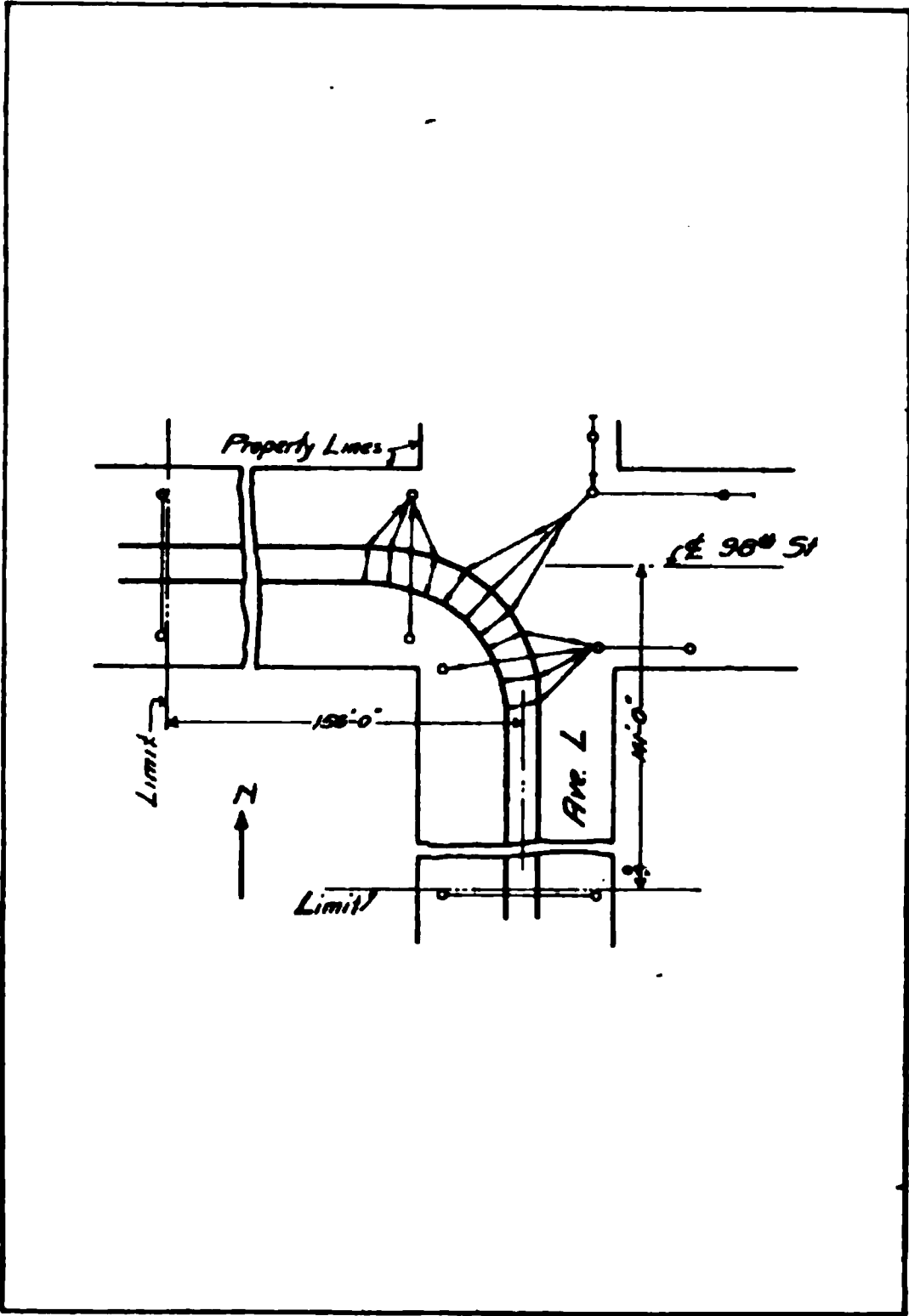


OVERHEAD SPECIAL WORK.

LAYOUT NO. 47.

98th St. and Avenue N.

		Cost New	Scrap Value
2 eye bolts.....	@ \$ .12	\$ .24	.....
16 wood strains.....	@ .20	3.20	.....
1 globe strain.....	@ .28	.28	.....
8 single curve hangers.....	@ .39	3.12	.....
9 double curve hangers.....	@ .59	5.31	.....
4 straight line hangers.....	@ .45	1.80	.....
9 plain ears.....	@ .35	3.15	\$ .90
13 plain ears.....	@ .55	7.15	2.34
785 ft. 1/8 in. strand wire.....	@ .01125	8.83	.....
		<hr/>	<hr/>
		\$33.08	\$3.24
Labor .....		25.00	

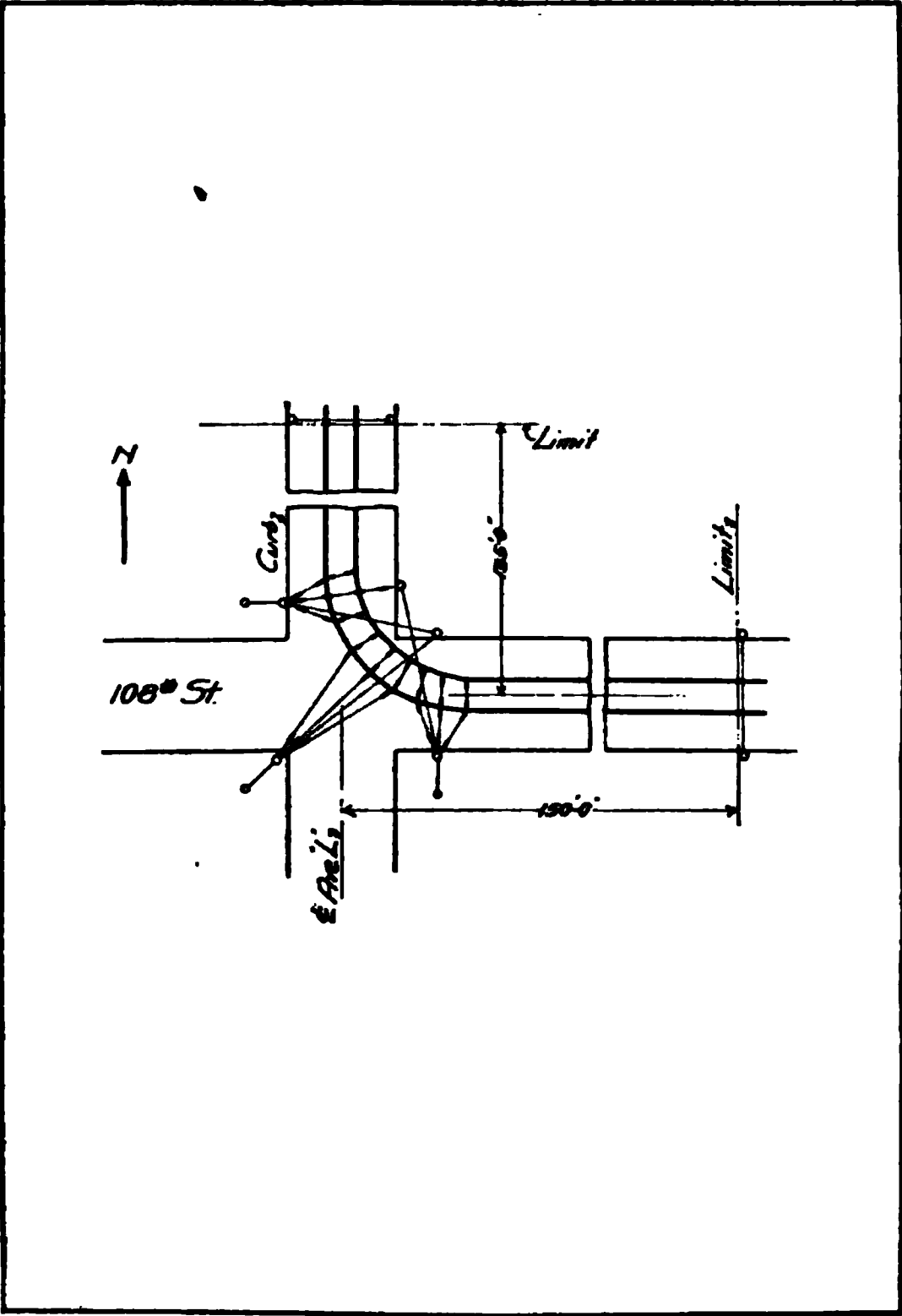


OVERHEAD SPECIAL WORK.

LAYOUT NO. 48.

98th St. and Avenue L.

		Cost New	Scrap Value
7 eye bolts.....	@ \$ .12	\$ .84	.....
2 globe strains.....	@ .28	.54	.....
14 wood strains.....	@ .20	2.80	.....
4 Brooklyn insulators.....	@ .62	2.48	.....
21 plain ears.....	@ .55	11.55	\$3.78
8 single curve hangers.....	@ .39	3.12	.....
10 double curve hangers.....	@ .59	5.90	.....
3 straight line hangers.....	@ .45	1.35	.....
650 ft. 1/8 in. strand wire.....	@ .01125	7.31	.....
		<hr/>	<hr/>
		\$35.89	\$3.78
Labor .....		20.00	

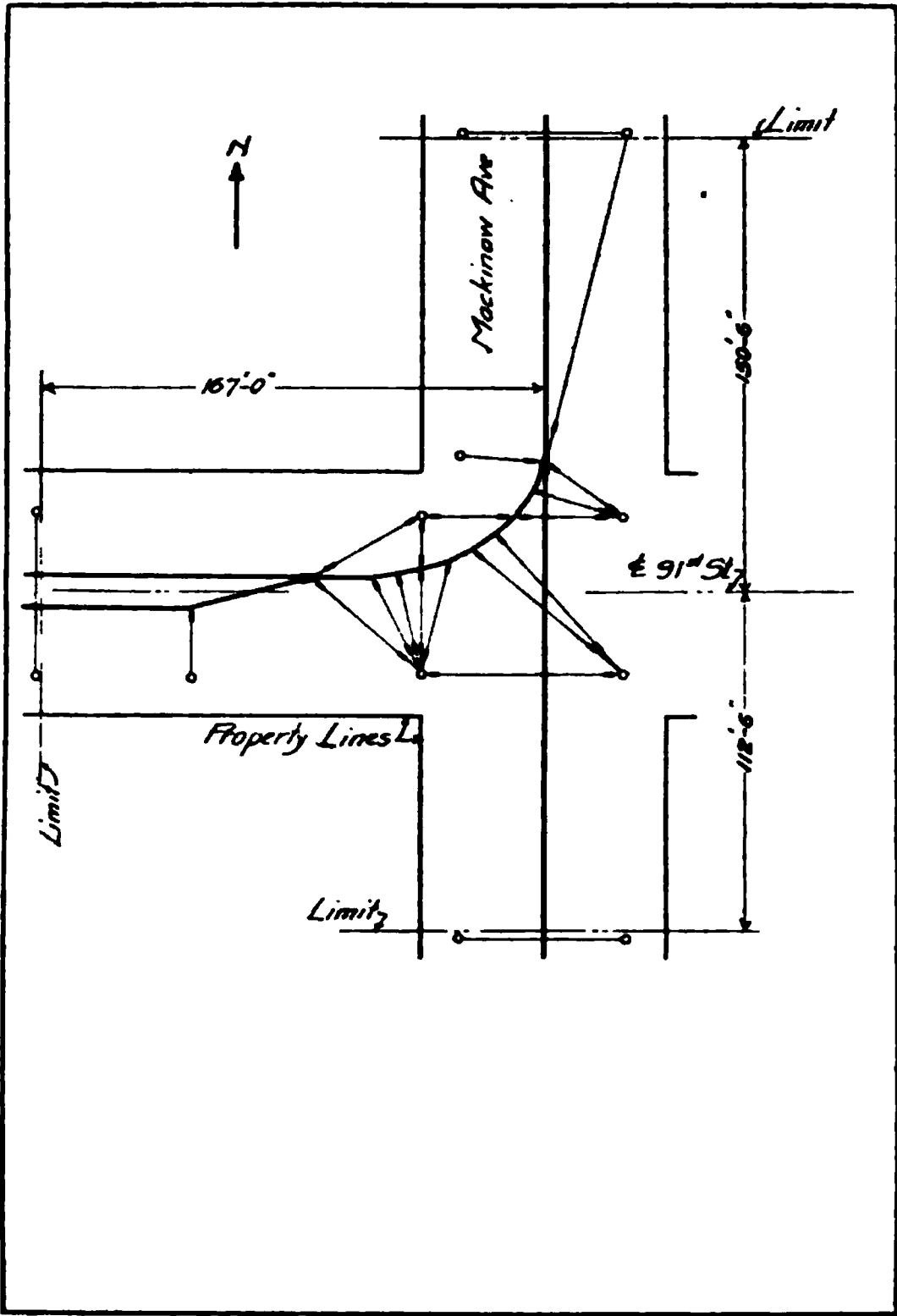


OVERHEAD SPECIAL WORK.

LAYOUT NO. 49.

108th St. and Avenue L.

		Cost New	Scrap Value
5 eye bolts.....	@ \$ .12	\$ .60	.....
30 wood strains.....	@ .20	6.00	.....
1 globe strain.....	@ .28	.28	.....
7 single curve hangers.....	@ .39	2.73	.....
9 double curve hangers.....	@ .59	5.31	.....
17 plain ears .....	@ .55	9.35	\$3.06
4 splicing ears .....	@ .50	2.00	.88
680 ft. 1/8 in. strand wire.....	@ .01125	7.65	.....
		<hr/>	<hr/>
		\$33.92	\$3.94
Labor .....		25.00	

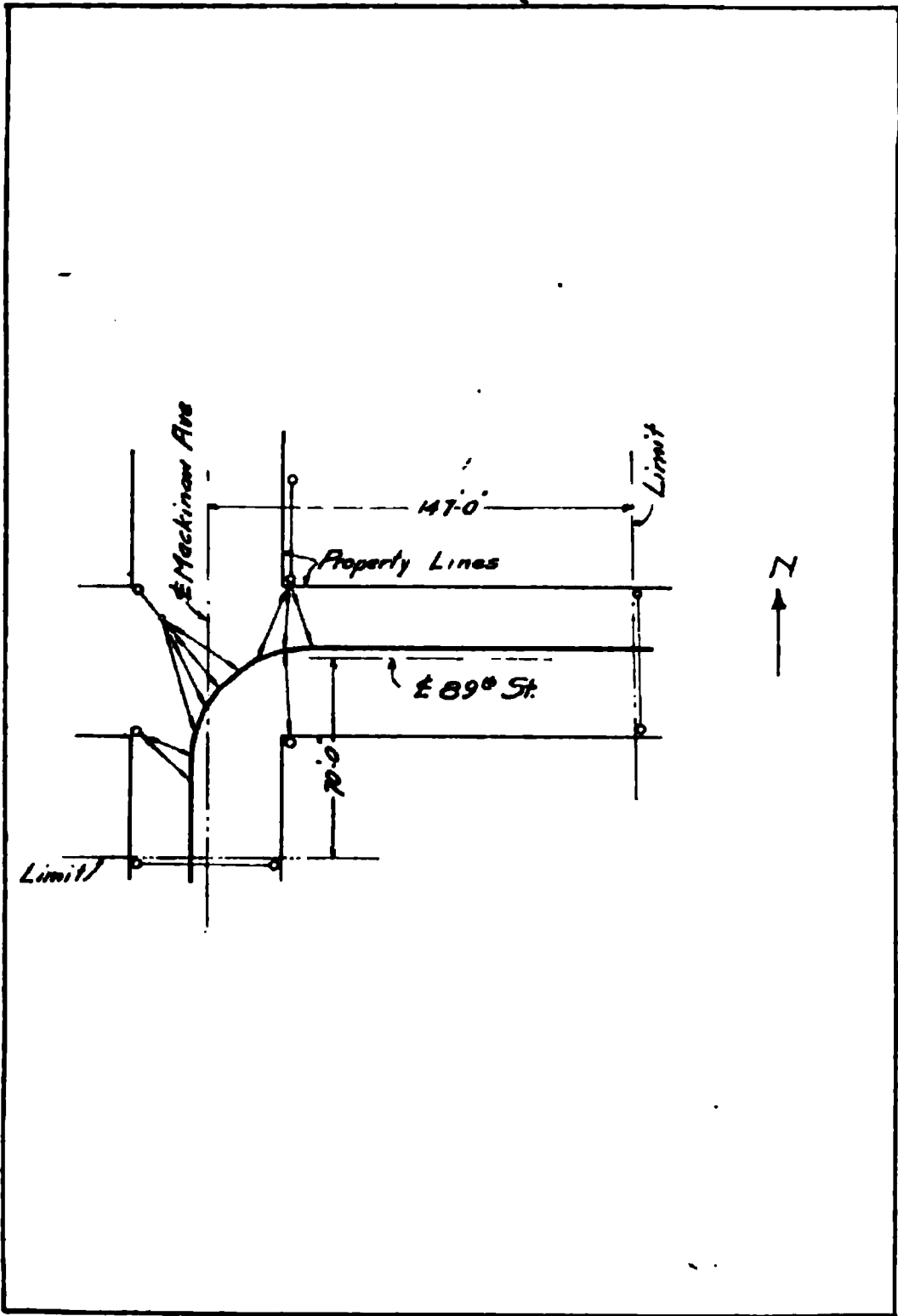


OVERHEAD SPECIAL WORK.

LAYOUT NO. 50.

91st St. and Mackinaw Ave.

		Cost New	Scrap Value
5 eye bolts .....	@ \$ .12	\$ .60	.....
7 single curve hangers.....	@ .39	2.73	.....
4 double curve hangers.....	@ .59	2.36	.....
4 straight line hangers .....	@ .45	1.80	.....
15 plain ears .....	@ .55	5.25	\$2.70
3 splicing ears .....	@ .50	1.50	.66
1 trolley frog .....	@ 3.00	3.00	.....
790 ft. $\frac{1}{8}$ in. strand wire.....	@ .01125	8.88	.67
		<hr/>	<hr/>
		\$29.12	\$4.03
Labor .....		25.00	



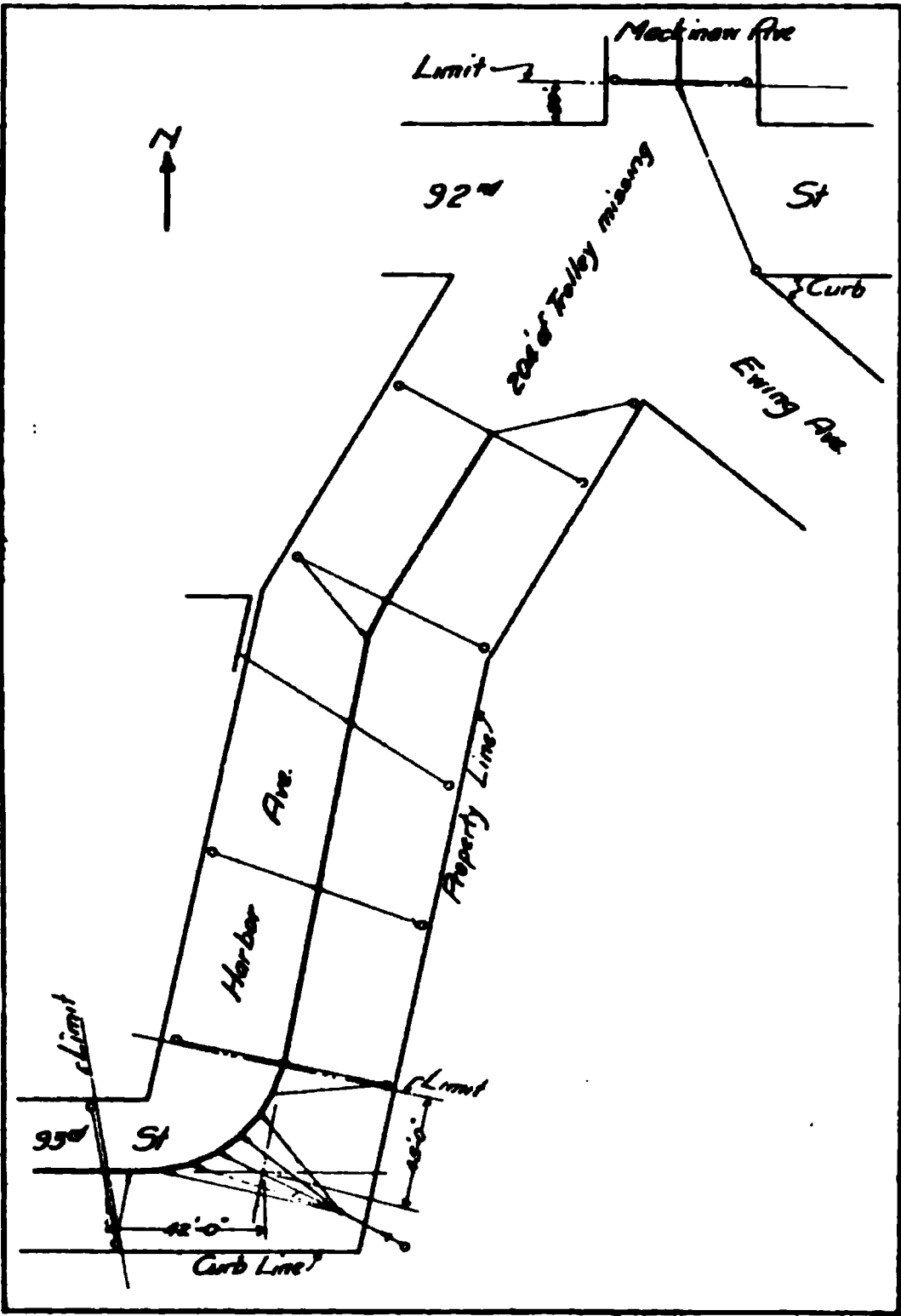
OVERHEAD SPECIAL WORK.

LAYOUT NO. 51.

89th St. and Mackinaw Ave.

		Cost New	Scrap Value
4 eye bolts .....	@ \$ .12	\$ .48	.....
9 wood strains .....	@ .20	1.80	.....
8 single curve hangers.....	@ .39	3.12	.....
1 double curve hanger.....	@ .59	.59	.....
8 plain ears .....	@ .55	4.40	\$1.44
1 plain ear .....	@ .35	.35	.10
433 ft. $\frac{5}{8}$ strand wire.....	@ .01125	4.87	.....
		<hr/>	<hr/>
		\$15.61	\$1.54
Labor .....		25.00	





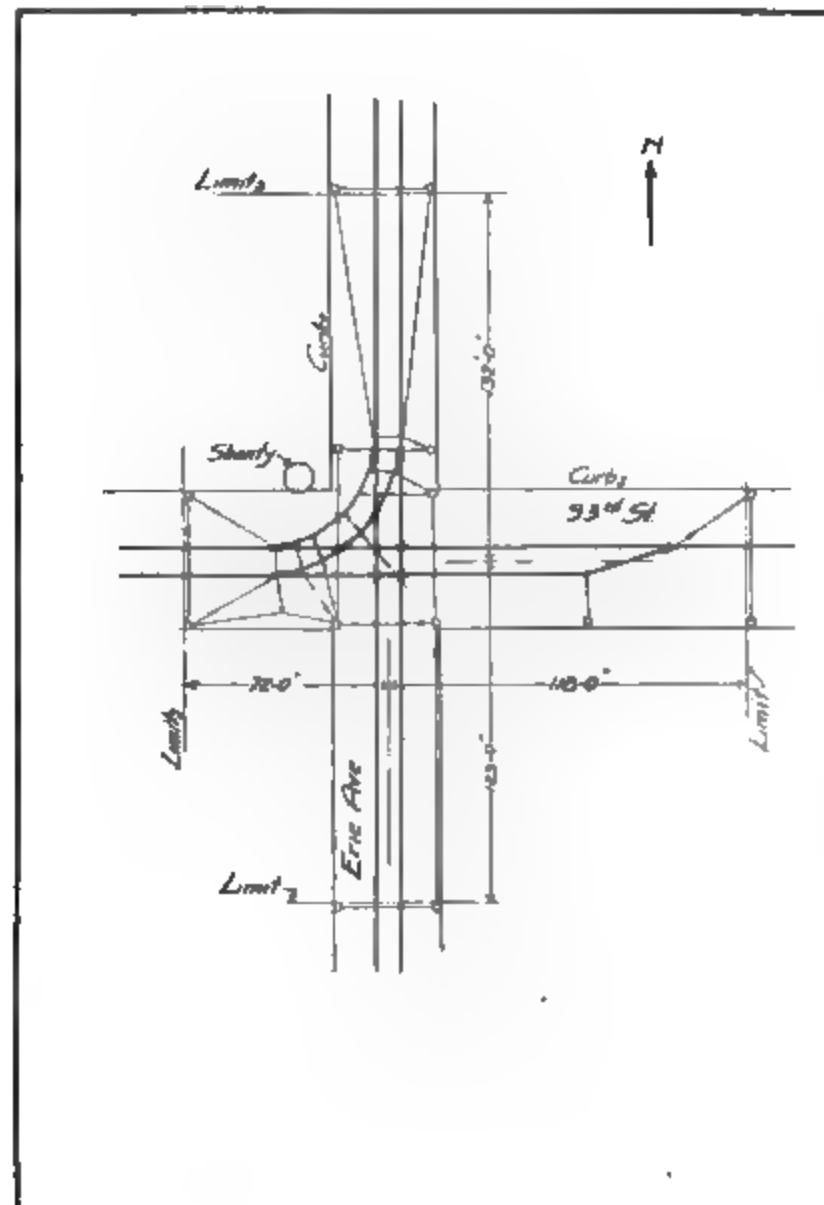
OVERHEAD SPECIAL WORK.

LAYOUT NO. 52.

92nd St. and Harbor Ave.

93rd St. and Harbor Ave.

		Cost New	Scrap Value
1 eye bolt .....	@ \$ .12	\$ .12	.....
1 Brooklyn insulator .....	@ .62	.62	.....
7 single curve hangers.....	@ .39	2.73	.....
7 plain ears .....	@ .55	3.85	\$1.26
		<hr/>	<hr/>
		\$ 7.32	\$1.26
Labor .....		18.00	

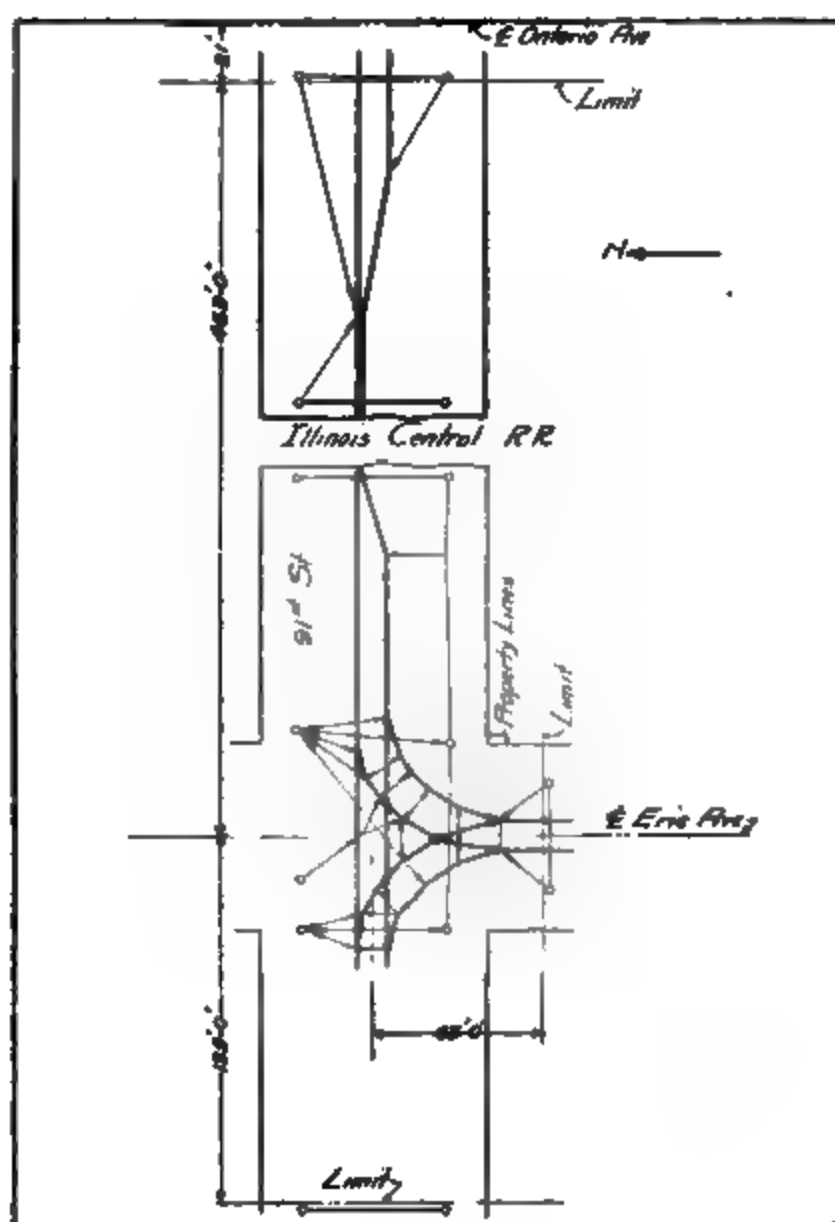


## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 53.

## 93rd St. and Erie Ave.

		Cost New	Scrap Value
8 eye bolts .....	@ \$ .12	\$ .96	.....
16 wood strains .....	@ .20	3.20	.....
6 single curve hangers .....	@ .39	2.34	.....
5 double curve hangers .....	@ .59	2.95	.....
12 straight line hangers .....	@ .45	5.40	.....
5 plain ears .....	@ .35	1.75	\$ .50
18 plain ears .....	@ .55	9.90	3.21
5 strain ears .....	@ .50	2.50	1.10
4 solid crossings .....	@ 3.00	12.00	4.80
7 trolley frogs .....	@ 3.00	21.00	4.69
1,262 ft. 7/8 in. strand wire .....	@ .01125	14.19	.....
		<b>\$76.19</b>	<b>\$14.33</b>
Labor .....		60.00	

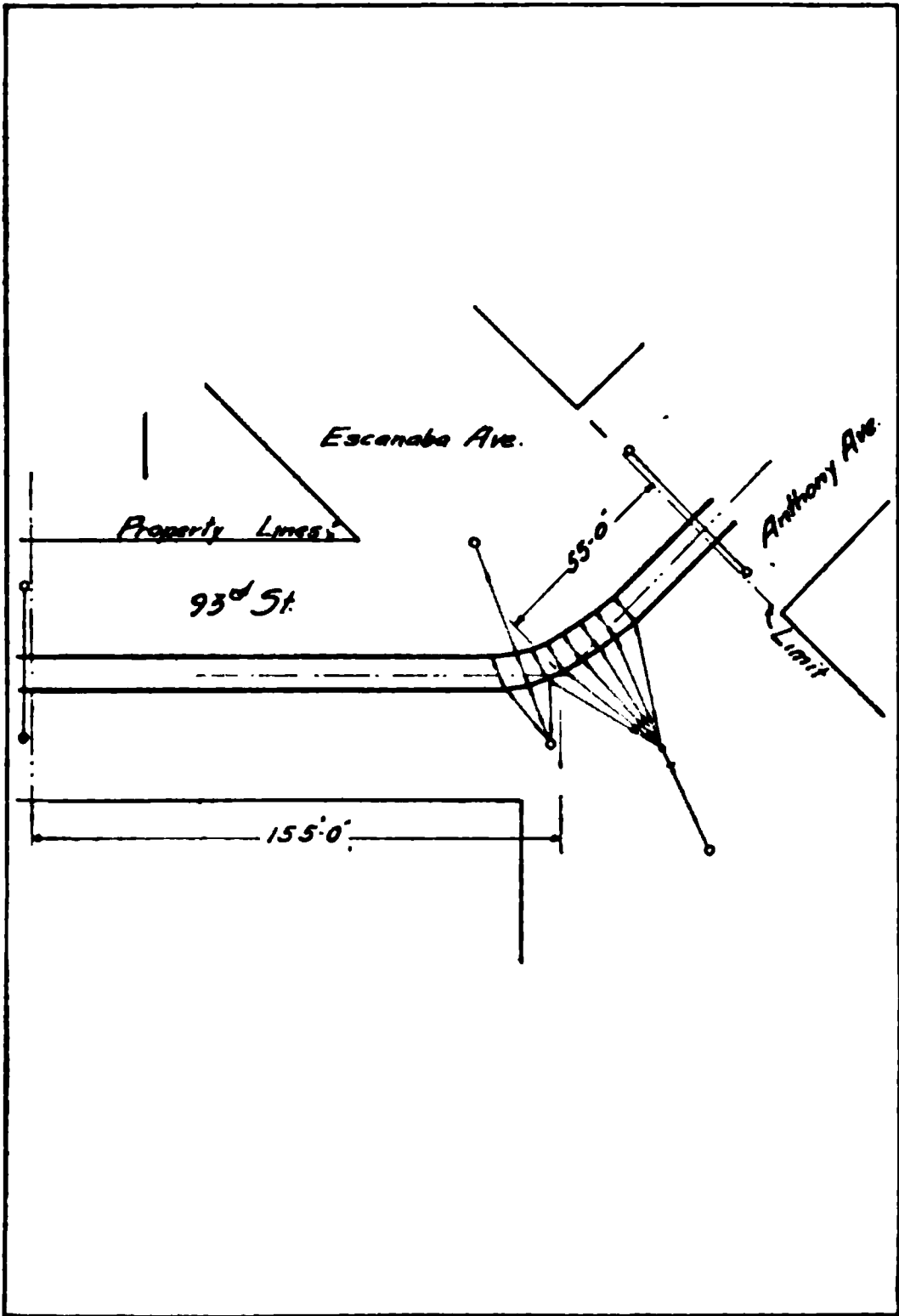


## OVERHEAD SPECIAL WORK.

## LAYOUT NO. 54.

## 91st St. and Erie Ave.

		Cost New	Scrap Value
9 eye bolts .....	@ \$ .12	\$ 1.08	.....
59 wood strains .....	@ .20	11.80	.....
12 single curve hangers.....	@ .39	4.68	.....
13 double curve hangers.....	@ .59	7.67	.....
5 straight line hangers.....	@ .45	2.25	.....
23 plain ears .....	@ .55	12.65	\$4.14
10 splicing ears .....	@ .50	5.00	2.20
2 solid crossings .....	@ 3.00	6.00	2.40
6 trolley frogs .....	@ 3.00	18.00	4.00
626 ft. $\frac{1}{8}$ in. strand wire..	@ .01125	7.04	.....
		<hr/>	<hr/>
		\$76.17	\$12.74
Labor .....		50.00	



OVERHEAD SPECIAL WORK.

LAYOUT NO. 55.

93rd St. and Escanaba Ave.

		Cost New	Scrap Value
2 eye bolts .....	@ \$ .12	\$ .24	.....
9 wood strains .....	@ .20	1.80	.....
1 Brooklyn insulator .....	@ .62	.62	.....
7 single curve hangers .....	@ .39	2.73	.....
7 double curve hangers.....	@ .59	4.13	.....
2 straight line hangers.....	@ .45	.90	.....
14 plain ears .....	@ .55	7.70	\$2.52
2 splicing ears .....	@ .50	1.00	.44
575 ft. 1/8 in. strand wire.....	@ .01125	6.46	.....
		<hr/>	<hr/>
		\$25.58	\$2.96
Labor .....		20.00	

TROLLEY WIRE DETAILS.

STREET.	Miles Trolley Wire.	Average Headway Minutes.	Size, Wire	Deprecia- tion % per Year.	Years Service.	Total % Deprecia- tion	Cost New	Scrap Value.	Total Depreciation.	Present Value.
South Park Ave. from 63rd St. to 67th St. . . .	.859	6.7	3/0	6.02	12	72.2	\$392.55	\$193.55	\$142.95	\$249.60
66th St. from South Park Ave. to St. Lawrence Av.	.394	6.7	3/0	6.02	12	72.2	180.21	88.86	65.95	114.26
St. Lawrence Ave. from 66th St. to S. Chicago Ave. . . . .	.316	6.7	3/0	6.02	12	72.2	144.27	71.14	52.79	91.48
South Park Ave. Loop . . .	.109	6.7	0	7.63	1	7.6	30.82	15.43	1.17	29.65
66th St. and S. Park Ave.	.128	6.7	0	7.63	2	15.2	36.29	18.16	2.76	33.53
66th St. and St. Lawrence Ave. . . . .	.106	6.7	0	7.63	2	15.2	29.96	14.99	2.28	27.82
67th St. and St. Lawrence Ave. . . . .	.161	6.7	0	7.63	3	22.8	45.56	22.80	5.21	40.35
South Chicago Ave. and { St. Lawrence Ave. . . . }	.047	6.7	3/0	6.02	12	72.2	21.60	10.67	7.89	13.71
South Chicago Ave. from St. Lawrence Ave. to Cottage Grove Ave. . . .	.047	6.7	0	7.63	1	7.6	13.40	6.71	.51	12.89
So. Chicago Ave. and { Cottage Grove Ave. . . }	.591	10.	0	5.20	7	36.4	167.23	83.71	30.40	136.83
Brookline Loop . . . . .	.264	10.	0	5.20	1	5.2	74.77	37.43	1.94	72.83
Cottage Grove Ave. from Brookline Loop to 75th St. and Cottage Grove Ave. . . . .	.145	10.	0	5.20	9	46.8	41.00	20.52	9.58	31.42
Cottage Grove Ave. from Brookline Loop to 75th St. and Cottage Grove Ave. . . . .	.083	10.	0	5.20	9	46.8	23.58	11.81	5.47	18.11
Cottage Grove Ave. from Brookline Loop to 75th St. and Cottage Grove Ave. . . . .	.571	10.	0	5.20	8	41.6	161.71	80.95	33.59	128.12
Cottage Grove Ave. from 75th St. to 95th St. . . .	.278	10.	0	5.20	3	15.6	78.52	39.31	6.11	72.41
Cottage Grove Ave. from 75th St. to 95th St. . . .	4.694	10.	0	5.20	16	83.2	1,328.48	664.98	552.03	776.45

TROLLEY WIRE DETAILS, Continued.

STREET.	Miles Trolley Wire.	Average Headway Minutes.	Size, Wire.	Deprecia- tion % per year.	Years Service.	Total % Deprecia- tion.	Cost New.	Scrap Value.	Total Depreciation.	Present Value.
93rd St. and Cottage Grove Ave.....	2.999	10.	0	5.20	3	15.6	\$848.92	\$424.93	\$ 66.14	\$782.78
95th St. and Cottage Grove Ave.....	.327	10.	0	5.20	1	5.2	92.46	46.28	2.40	90.06
93rd St. from Barns to Stony Island Ave.....	.930	13.	0	3.90	15	58.5	263.18	131.73	76.89	186.29
93rd St., Vaughn Ave., Nickel Plate Shops, 94th St. and Stony Is- land Ave.....	1.123	13.	0	3.90	13	40.7	317.79	159.07	64.60	253.19
Stony Island Ave. from 94th St. to 97th St., 97th St. from Stony Is- land Ave. to Pullman Drive, Pullman Drive from 97th St. to Eric- son Ave.....	.324	20.	0	2.53	9	22.7	91.66	45.88	10.42	81.23
97th St. and Stony Is- land Ave., 97th St. and Pullman Drive, 104th St. & Pullman Ave....	3.627	20.	0	2.53	9	22.7	1,026.39	513.77	116.72	909.67
104th St. from Ericsson Ave. to Pullman Ave., Pullman Ave. from 104th St. to 111th St....	1.682	20.	0	2.53	9	22.7	475.75	238.14	54.10	421.65
111th St. and Pullman Ave., 111th St. and Watt Ave.....	.167	20.	0	2.53	9	22.7	47.38	23.66	5.39	41.99

TROLLEY WIRE DETAILS, Continued.

STREET.	Miles Trolley Wire	Average Headway Minutes.	Size, Wire.	Deprecia- tion % per year.	Years Service.	Total % Deprecia- tion.	Cost, New.	Scrap Value.	Total Depreciation.	Present Value.
Pullman Ave. from 111th St. to 115th St.	.471	20.	0	2.53	9	22.7	\$133.41	\$ 66.79	\$ 15.17	\$118.24
115th St. from Pull- man Ave. to Watt Ave., Watt Ave. from 115th St. to 111th St.	.105 .460	20. 20.	0 0	2.53 2.53	9 9	22.7 22.7	29.69 130.14	14.86 65.14	3.38 14.80	26.31 115.34
115th St. & Pullman Ave.	.068	20.	0	2.53	9	22.7	19.30	8.66	2.19	17.11
115th St. and Watt Ave..	.059	20.	0	2.53	9	22.7	16.72	8.37	1.89	14.83
115th St. from Pullman Ave. to Michigan Ave..	.403	10.	0	5.20	16	83.2	113.90	57.01	47.33	66.57
115th St. and Michigan Ave.....	.113	10.	0	5.20	5	26.0	31.84	15.94	4.13	27.71
119th St. from Michigan Ave. to S. Halsted St..	2.119	10.	0	5.20	16	83.2	599.78	300.22	249.23	350.55
119th St. and Michigan Ave.....	.148	10.	0	5.20	2	10.4	42.02	21.03	2.18	39.84
119th St. from South Halsted St. to Morgan St., Morgan St. from 119th St. to 120th St., 120th St. from Mor- gan St. to So. Halsted St., So. Halsted St. from 121st St. to 119th St.....	.221 .070 .188 .321	10. 10. 10. 10.	0 0 0 0	5.2 5.2 5.2 5.2	4 4 4 4	20.8 20.8 20.8 20.8	62.55 19.78 53.12 90.69	31.31 9.90 26.59 45.39	6.47 2.06 5.52 9.42	56.06 17.72 47.60 81.27
119th St. and So. Halsted St.....	.074	10.	0	5.2	4	20.8	20.90	10.46	2.17	18.73

TROLLEY WIRE DETAILS, Continued.

STREET.	Miles Trolley Wire.	Average Headway Minutes.	Size Wire.	Deprecia- tion % per Year.	Years Service.	Total % Deprecia- tion.	Cost New.	Scrap Value.	Total Depreciation.	Present Value.
119th St. & Morgan St....	.043	10.	0	5.2	4	20.8	\$ 12.06	\$ 6.37	\$ 1.26	\$ 10.80
120th St. & Morgan St. ...	.059	10.	0	5.2	4	20.8	16.83	8.42	1.96	14.87
120th St. & So. Halsted St.	.112	10.	0	5.2	4	20.8	31.78	15.91	3.30	28.48
Michigan Ave. from 124th St. to 119th St.....	.603		0		12	40.	170.56	85.37	34.08	136.48
Michigan Ave. from 119th. St. to 103rd St.....	3.827	10.	0	5.2	4	20.8	1,083.15	542.18	112.52	970.63
103rd St. & Michigan Ave	.069	10.	0	5.2	4	20.8	19.62	9.82	2.04	17.58
103rd St. from Michigan Ave. to Vincennes Rd..	1.854	15.	0	4.2	12	50.8	524.58	262.58	133.30	391.28
Michigan Ave. from 103rd St. to 99th St.....	.944	10.	0	5.2	16	83.2	267.04	133.67	110.96	156.08
99th St. and Michigan Ave	.215	10.	0	5.2	1	5.2	60.78	30.42	1.58	59.20
Michigan Ave. from 99th St. to 95th St.....	.390	10.	3/0	4.2	15	60.	178.22	89.88	54.20	124.02
Michigan Ave. from 99th St. to 95th St.....	.390	10.	0	5.2	7	36.4	110.31	55.22	20.05	90.26
95th St. and Michigan Av.	.061	10.	0	5.2	1	5.2	17.37	8.69	.45	16.92
95th St. from Michigan Ave. to Cottage Grove Ave.....	1.559	10.	0	5.2	16	63.2	441.29	220.89	183.37	257.92
Stony Island Ave. from 94th St. (Alley) to 79th St.....	3.318 .381	20. 20.	0 3/0	2.53 2.	15 15	37.9 30.	938.96 174.06	470.00 85.83	177.73 26.48	761.23 147.58
93rd St. and Stony Island Ave.....	.094	20.	3/0	2.	15	30.	42.78	21.09	6.50	36.28



TROLLEY WIRE DETAILS, Continued.

STREET.	Miles Trolley Wire.	Average Headway Minutes.	Size, Wire.	Deprecia- tion % per year.	Years Service.	Total % Deprecia- tion.	Cost New.	Scrap Value.	Total Depreciation.	Present Value.
South Chicago Ave. and Stony Island Ave.....	.164	20.	3/0	2.	2	4.	\$ 75.16	\$ 37.06	\$ 1.52	\$ 73.64
Stony Island Ave. from 79th St. to 63rd St. ....	3.657	5.	0	8.	3	24.	1,034.91	518.03	124.05	910.86
75th St. and Stony Island Ave.....	.152	5.	0	8.	3	24.	42.88	21.46	5.14	37.74
73rd St. and Stony Island Ave.....	.119	5.	0	10.1	3	30.3	33.66	16.85	5.09	28.57
67th St. and Stony Island Ave.....	.081	5.	0	10.1	4	40.4	23.05	11.54	4.65	18.40
64th St. and Stony Island Ave.....	.037	5.	0	10.1	4	40.4	10.45	5.23	2.10	8.35
Stony Island Ave. Loop..	.112	5.	0	10.1	4	40.4	31.73	15.88	6.40	25.33
57th St. from Stony Island Ave. to St.	.620	20.	0	2.53	15	37.9	175.38	87.88	32.16	142.22
Lawrence Ave.....	1.782	20.	0	2.53	2	5.	504.38	252.57	12.74	491.64
73rd St. from Stony Island Ave. to Railroad Ave..	2.236	20.	0	2.53	12	30.3	632.69	315.70	96.05	536.64
73rd St. and Railroad Av.	.096	20.	0	2.53	12	30.3	27.18	13.70	4.08	23.10
Railroad Ave. from 73rd St. to 78 St. ....	.738	20.	0	2.53	12	30.3	208.88	104.55	31.61	177.27
78th St. and Railroad Av.	.738	20.	3/0	2.	12	24.	337.48	166.40	41.05	269.43
78th St. and Railroad Av.	.048	20.	3/0	2.	12	24.	21.99	10.84	2.67	19.32
78th St. and Railroad Ave	.048	20.	0	2.53	1	2.5	13.56	6.79	.09	13.47
78th St. from Railroad Ave. to Lake Ave. ....	.492	20.	3/0	2.	12	24.	224.98	110.93	27.37	197.61
Lake Ave. from 78th St. to Cheltenham Pl. ....	.270	20.	3/0	2.	12	24.	123.66	60.98	15.04	108.62

# TROLLEY WIRE DETAILS, Continued.

STREET	Miles Trolley Wire	Average Headway Minutes.	Size, Wire.	Deprecia- tion % per year.	Years Service.	Total % Deprecia- tion.	Cost, New	Scrap Value.	Total Depreciation.	Present Value.
Cheltenham Pl. from Bond Ave. to Lake Ave. ....	.114	20.	3/0	2.	12	24.	\$ 52.30	\$ 25.79	\$ 6.36	\$ 45.94
Bond Ave. from Cheltenham Pl. to 79th St. ....	.180	20.	3/0	2.	12	24.	82.27	40.56	9.91	72.36
78th St. and Lake Ave. ....	.045	20.	3/0	2.	12	24.	20.78	10.25	2.52	18.26
Cheltenham Pl. and Lake Ave. ....	.030	20.	3/0	2.	12	24.	13.85	6.83	1.68	12.17
Cheltenham Pl. and Bond Ave. ....	.088	20.	3/0	2.	12	24.	40.35	19.89	4.91	35.44
75th St. from Stony Island Ave. to Eggleston Ave. ....	4.015	20.	0	2.53	16	40.5	1,136.26	568.76	229.83	906.43
St. Lawrence Ave. from 75th St. to South Chicago Ave. ....	.706		3/0	.	16	40.	322.67	159.10	65.52	257.25
75th St. and South Chicago Ave. ....	.208	20.	3/0	2.	16	32.	95.26	46.97	15.45	79.81
75th St. and St. Lawrence Ave. ....	.117	20.	3/0	2.	16	32.	53.69	26.47	8.71	44.98
South Chicago Ave. from 75th St. to Stony Island Ave. ....	1.266		0		15	40.	358.26	179.03	71.69	286.57
South Chicago Ave. from Stony Island Ave. to 95th St. ....	.278 4.946	11. 11.	3/0 0	3.63 4.61	6 6	21.8 27.7	126.95 1,399.82	62.59 700.69	14.00 93.65	112.86 1,206.17
91st St. and South Chicago Ave. ....	.132	11.	0	4.61	4	18.4	37.41	18.73	3.43	33.98
93rd St. and South Chicago Ave. ....	.167	11.	0	4.61	5	23.1	47.28	23.66	5.46	41.82

TROLLEY WIRE DETAILS, Continued.

STREET.	Miles Trolley Wire.	Average Headway Minutes.	Size, Wire.	Deprecia- tion % per Year.	Years Service.	Total % Deprecia- tion.	Cost New	Scrap Value.	Total Depreciation.	Present Value.
South Chicago Ave. and Erie Ave.....	.165	11.	3/0	3.63	5	18.1	\$ 75.34	\$ 37.14	\$ 16.91	\$ 68.43
95th St. and South Chi- cago Ave.....	.410	11.	0	4.61	4	18.4	15.88	58.01	10.65	105.23
95th St. and South Chi- cago Ave.....	.057	11.	0	4.61	0		16.08	8.05		16.08
95th St. from South Chi- cago Ave. to Ave. "N"	.318	11.	0	4.61	4	18.4	88.23	44.16	8.11	80.12
Ave. "N" from 95th St. to 98th St.....	.649	11.	0	4.61	4	18.4	183.63	91.92	16.87	166.76
98th St. from Ave. "N" to Ave. "L".....	.131	11.	0	4.61	4	18.4	37.09	18.56	3.41	33.68
Ave. "L" from 98th St. to 108th St.....	2.463	11.	0	4.61	4	18.4	697.01	348.89	64.05	632.96
108th St. from Ave. "L" to State Line.....	1.180	11.	0	4.61	4	18.4	333.93	167.15	30.75	303.18
95th St. and Ave. "N"...	.036	11.	0	4.61	4	18.4	10.29	5.15	.94	9.35
98th St. and Ave. "N"...	.105	11.	0	4.61	4	18.4	29.54	14.81	2.72	26.87
98th St. and Ave. "L"...	.106	11.	0	4.61	4	18.4	30.02	15.02	2.76	27.26
108th St. and Ave. "L"...	.104	11.	0	4.61	4	18.4	29.48	14.76	2.70	26.78
Mackinaw Ave. from 91st St. to 89th St.....	.210	13.	0	3.90	15	58.5	59.50	29.78	17.39	42.11
89th St. from Mackinaw Ave. to Strand Ave....	.116	13.	0	3.90	15	58.5	32.86	16.44	9.61	23.25
Mackinaw Ave. from 91st St. to Harbor Ave.....	.085	13.	0	3.90	15	58.5	24.07	12.05	7.03	17.04
93rd St. from Harbor Ave. to Erie Ave.....	.151	13.	0	3.90	15	58.5	42.61	21.33	12.45	30.16

TROLLEY WIRE DETAILS, Continued.

STREET	Miles Trolley Wire	Average Headway Minutes.	Size, Wire.	Deprecia- tion % per year.	Years Service.	Total % Deprecia- tion.	Cost, New.	Scrap Value.	Total Depreciation.	Present Value.
Harbor Ave. from Macki- naw Ave. to 93rd St....		13.	0	3.9	15	58.5	\$ 43.04	\$ 21.54	\$ 12.57	\$ 30.47
91st St. and Mackinaw Ave.....	.089	13.	0	3.9	4	13.6	25.30	12.66	3.99	21.31
89th St. and Mackinaw Ave.....	.037	13.	0	3.9	15	58.5	.51	5.26	3.07	7.44
92nd St. and Harbor Ave., 93rd St. and Harbor Av.	.002	13.	0	3.9	15	58.5	4.45	2.23	1.89	2.56
91st St. from South Chi- cago Ave. to Macki- naw Ave.....	.935 .159	11. 11.	0 3/0	3.63 3.63	12 12	43.6 43.6	264.73 72.83	132.51 35.91	57.58 16.08	207.15 56.75
Erie Ave. from South Chicago Ave. to 91st St.	.557	11.	3/0	3.63	12	43.6	254.77	125.62	56.25	198.52
93rd St. from Erie Ave. to South Chicago Ave....	.219	11.	3/0	3.63	12	43.6	100.10	49.36	22.10	78.00
93rd St. and Erie Ave....	.192	13.	3/0	3.12	15	46.8	87.72	43.25	20.81	66.91
91st St. and Erie Ave. ...	.085	11.	0	3.63	3	10.9	24.12	12.15	1.21	22.91
91st St. and Erie Ave. ...	.085	11.	3/0	3.63	12	43.6	38.97	19.22	8.60	30.37
93rd St. from South Chi- cago Ave. to Stony Is- land Ave.....	3.299	11.	0	3.63	15	54.4	933.60	467.32	253.90	679.70
93rd St. & Escanaba Ave.	.085	11.	0	3.63	1	3.6	22.51	11.27	.40	22.11
South Chicago Ave. and Escanaba Ave.....	.151	11.	0	3.63	1	3.6	42.67	21.36	.99	41.68
	74.721						\$22,326.76	\$11,201.08	\$4,154.56	\$18,172.20

**SECTION 2-B.**  
**OVERHEAD FEEDER CONSTRUCTION.**  
**SUMMARY.**

	Material	Amount	Cost New	Present Value
Total feeder copper.....		357,169 ft.	\$59,518.35	\$55,991.21
Labor on 67.645 miles @ \$50.00 per mile.....			3,382.25	3,179.32
Total return conductor.....		91,447 ft.	9,605.55	8,872.17
Labor on 17.32 miles @ \$50.00 per mile .....			866.00	818.17
Total special sections.....			2,673.89	1,880.34
Feeder attachments.....		4,529	1,210.67	684.18
Total.....			\$77,256.71	\$71,425.39
Organization, engineering and incidentals, 15% .....			11,588.51	10,713.81
Grand total.....			<b>\$88,845.22</b>	<b>\$82,139.20</b>

FEEDER AND RETURN.  
SUMMARY.

Feeder Conductor.

Size	Length in Feet	Cost New	Present Value
No. 4/0.....	129,339	\$16,931.60	\$15,706.83
300,000 C. M.....	5,463	1,105.15	932.06
350,000 C. M.....	78,267	19,351.33	18,134.17
500,000 C. M.....	35,136	11,320.74	11,028.92
No. 2/0.....	83,440	6,917.01	6,415.88
250,000 C. M.....	21,015	3,654.48	3,549.45
No. 6.....	1,380	26.49	25.34
No. 1.....	35	2.10	2.01
No. 1/0.....	3,094	209.45	196.54
Totals.....	357,169	\$59,518.35	\$55,991.21

Negative Return Conductor.

Size	Length in Feet	Cost New	Present Value
No. 2/0.....	1,320	\$ 109.42	\$ 101.15
500,000 C. M.....	2,392	733.11	724.35
No. 1/0.....	43,138	2,322.54	2,322.54
No. 3/0.....	27,537	2,376.33	2,376.33
350,000 C. M.....	8,780	1,908.64	1,797.06
No. 4/0.....	1,300	139.62	139.62
78 lb. rail.....	6,980	2,015.89	1,411.12
Totals.....	91,447	\$9,605.55	\$8,872.17

Summary of Special Feeder Sections.

Section	Cost New	Scrap Value	Depreciation	Present Value
A.....	\$ 634.11	\$ 44.00	\$342.62	\$ 291.49
B.....	1,104.25	183.79	375.60	728.65
C.....	883.53	417.98	64.71	818.82
D.....	52.00	10.50	10.62	41.38
Totals.....	\$2,673.89	\$656.27	\$793.55	\$1,880.34

FEEDER DETAILS.

LOCATION	Amount in Feet.	Size and Kind.	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap Value.	Depreciation.	Present Value
South Park Ave. from 63rd St. to 67th St.....	200	4/0		4.5	\$ 2.62	\$ 1.30	\$ 0.66	\$ 2.56
	1,644	300M	1905	4.5	334.55	153.38	8.15	326.40
	30	R.C. Strand 4/0		4.5	4.39	1.97	.11	4.28
66th St., South Park Ave. to St. Lawrence Ave.....	1,040	300M	1905	4.5	211.64	97.03	5.15	206.44
St. Lawrence Ave. from 66th St. to South Chicago Ave. ....	833	300M	1905	4.5	203.67	93.37	4.96	198.71
66th St. and South Park Ave. ...	333	300M	1905	4.5	67.76	31.06	1.65	66.11
66th St. and St. Lawrence Ave...	231	300M	1905	4.5	47.00	21.55	1.14	45.86
67th St. and St. Lawrence Ave. {	362	300M	1905	4.5	73.66	33.77	1.79	71.87
	58	350M	1907	1.5	13.53	6.31	.11	13.42
South Chicago Ave. and St. Law- rence Ave .....	210	350M	1906	3	48.99	22.86	.84	48.15
South Chicago Ave. from St. Law- rence Ave. to Cottage Grove Av	1,560	350M	1896	15	363.94	169.88	30.75	332.19
South Chicago Ave. and Cottage Grove Ave.....	380	350M	1896	15	88.65	41.38	7.09	81.56
Cottage Grove Ave. from Brook- line Loop to 75th St.....	1,509	500M	1904	6	486.19	234.64	15.09	471.10
	178	2/0	1893	15	14.75	7.31	1.12	13.63
	294	500M	1904	6	94.72	45.71	2.94	91.78
75th St. and Cottage Grove Av {	177	4/0	1896	15	23.20	11.55	1.75	21.45
	12,393	500M	1904	6	3,993.02	1,927.11	123.95	3,869.07
	12,393	4/0	1896	15	1,624.72	809.26	122.26	1,502.40
Cottage Grove Ave. from 75th St. to 95th St.....	12,393	2/0	1893	15	1,027.36	509.35	77.70	949.66
	4,644	350M	1896	15	1,083.44	505.73	86.65	996.79

FEEDER DETAILS, Continued.

LOCATION	Amount in Feet.	Size and Kind.	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap Value	Depreciation	Present Value.
93rd St. and Cottage Grove Av.	239	350M	1896	15	\$ 55.75	\$ 26.02	\$ 4.46	\$ 51.29
	415	2/0	1893	15	34.40	17.05	2.60	31.80
	278	4/0	1896	15	36.44	18.15	2.74	33.70
	239	500M	1904	6	77.00	37.16	2.39	74.61
95th St. and Cottage Grove Av.	790	500M	1904	6	254.53	122.84	6.33	248.20
	1,580	2/0	1893	15	130.98	64.93	9.91	121.07
	790	4/0	1895	15	103.56	51.58	7.79	94.77
	2,312	500M	1905	4.5	744.92	359.51	17.35	726.57
93rd St. from Barns to Stony Island Ave. via Nickel Plate Shops. ....	1,066	350M	1896	15	248.69	116.08	19.89	218.79
	3,378	4/0	1895	15	442.85	220.58	33.34	409.51
	3,378	2/0	1893	15	280.03	138.83	21.18	258.85
	6,756	4/0	1896	15	885.71	441.16	66.88	819.03
	3,378	4/0	1893	15	442.85	220.58	33.34	409.51
	6,756	350M	1903	7.5	1,576.17	735.72	63.02	1,513.15
	3,270	350M	1896	15	762.89	365.10	61.01	701.88
	3,270	4/0	1893	15	428.69	213.53	32.27	396.42
93rd St. and Vaughn Ave., Nic- kel Plate Shops, to Alley be- tween 94th St. and 95th St., in Stony Island Ave. ....	1,635	2/0	1893	15	135.54	67.19	10.25	125.29
	1,635	4/0	1895	15	214.34	106.76	16.13	198.21
	1,635	4/0	1896	15	214.34	106.76	16.13	198.21
	1,635	2/0	1893	15	135.54	67.19	10.25	125.29
	3,270	350M	1903	7.5	762.89	356.10	30.50	732.59
Stony Island Ave. from Alley between 94th St. and 95th St., 97th St., from Stony Is- land Ave. to Pullman Drive.. 104th St. and Pullman Ave. ....	2,559	1/0	1899	13.5	173.24	83.42	12.12	162.12
	332	4/0	1899	13.5	42.21	21.02	2.86	39.35
	386	2/0	1899	13.5	31.99	15.86	2.17	29.82



FEEDER DETAILS, Continued.

LOCATION	Amount in Feet.	Size and kind.	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap- Value	Depreciation.	Present Value.
115th St. and Michigan Ave. . .	634	2/0	1893	15	\$ 52.55	\$ 26.05	\$ 3.97	\$ 48.55
	317	4/0	1895	15	41.55	20.70	3.12	38.43
	317	250M	1904	6	55.12	24.63	1.82	53.30
119th St. from Michigan Ave. to South Halsted St. . . . .	1,700	2/0	1893	15	140.93	69.87	10.65	130.28
	3,170	4/0	1895	15	415.58	207.00	31.28	384.30
	5,595	250M	1904	6	972.97	434.73	32.28	940.69
	280	2/0	1893	15	23.21	11.50	1.75	21.46
119th St. and Michigan Ave. . .	280	4/0	1895	15	36.70	18.28	2.76	33.94
	280	250M	1904	6	48.69	21.75	1.49	47.20
119th St. and So. Halsted St. . .	535	1/0	1903	7.5	36.21	12.25	1.79	34.42
	6,128	500M	1895	15	1,974.44	952.90	153.23	1,821.21
Michigan Ave. from 119th St. to 103rd St. . . . .	4,032	250M	1904	6	701.16	313.28	22.73	678.43
	10,160	4/0	1895	15	1,331.97	663.44	100.27	1,231.70
	18,619	2/0	1893	15	1,543.51	765.24	116.74	1,436.77
	122	500M	1904	6	39.30	18.97	1.21	38.09
103rd St. and Michigan Ave. . . .	122	4/0	1895	15	15.99	7.96	1.20	14.79
	244	2/0	1893	15	20.22	10.02	1.53	18.69
	2,491	500M	1904	6	802.60	387.35	24.91	777.69
Michigan Ave. from 103rd St. to 99th St. . . . .	2,491	4/0	1895	15	326.57	162.66	24.58	301.99
	4,982	2/0	1893	15	413.00	204.76	31.23	381.77
	560	500M	1904	6	180.43	87.08	5.60	174.83
99th St. and Michigan Ave. . . .	560	4/0	1895	15	73.41	36.56	5.52	67.89
	1,120	2/0	1893	15	92.84	45.03	7.02	85.82
	2,058	500M	1904	6	663.08	320.01	20.58	643.50
Michigan Ave. from 99th St. to 95th St. . . . .	2,058	4/0	1895	15	269.80	134.38	20.31	249.49
	4,116	2/0	1893	15	341.21	169.16	25.80	315.41

FEEDER DETAILS Continued.

LOCATION	Amount in Feet.	Size and Kind	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap Value.	Depreciation	Present Value.
95th St. and Michigan Ave. . . .	234	500M	1904	6	\$ 75.39	\$ 36.38	\$ 2.34	\$ 73.05
	234	4/0	1895	15	30.67	15.28	2.30	28.37
	468	2/0	1892	15	38.79	19.23	2.93	35.86
95th St. from Michigan Ave. to Cottage Grove Ave.....	4,133	500M	1904	6	1,331.65	642.68	41.33	1,290.32
	4,133	4/0	1895	15	541.83	269.88	40.79	501.04
	8,266	2/0	1892	15	685.25	339.73	51.82	633.43
	12,003	350M	1896	15	2,800.29	1,307.12	223.97	2,576.32
Stony Island Ave. from Alley between 94th St. and 95th St. to 79th St.....	7,525	250M	1905	4.5	1,308.59	584.69	32.57	1,276.02
	9,764	2/0	1893	15	809.43	401.30	61.21	748.22
	9,764	4/0	1895	15	1,280.06	637.50	96.37	1,183.69
	19,528	4/0	1896	15	2,560.12	1,275.17	192.74	2,367.39
	292	350M	1896	15	68.12	31.79	5.44	62.68
	146	4/0	1895	15	19.14	9.53	1.44	17.70
93rd St. and Stony Island Ave.	146	2/0	1893	15	12.10	6.00	.91	11.19
	264	350M	1893	15	61.59	28.74	4.92	56.67
	292	4/0	1896	15	38.28	19.06	2.88	35.40
	132	4/0	1893	15	17.30	8.61	1.30	16.00
	312	4/0	1895	15	40.90	20.37	3.07	37.83
South Chicago Ave. and Stony Island Ave.....	312	4/0	1896	15	40.90	20.37	3.07	37.83
	312	350M	1896	15	72.78	33.97	5.82	66.96
	90	4/0	1896	15	11.79	5.87	.88	10.91
	3,476	350M	1896	15	810.95	378.53	64.86	746.09
Stony Island Ave. from 79th St. to 63rd St.....	6,694	4/0	1895	15	877.58	437.11	66.07	811.51
	6,033	4/0	1896	15	790.92	393.95	59.54	731.38
	175	350M	1896	15	40.82	19.05	3.26	47.56
75th St. and Stony Island Ave.	175	4/0	1895	15	22.94	11.42	1.72	21.22
	175	4/0	1896	15	22.94	11.42	1.72	21.22

FEEDER DETAILS, Continued.

LOCATION.	Amount in Feet.	Size and Kind,	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap Value.	Depreciation.	Present Value.
73rd St. and Stony Island Ave..	169	350M	1896	15	\$ 39.42	\$ 18.40	\$ 3.15	\$ 36.27
	213	4/0	1895	15	27.92	13.90	2.10	25.82
	213	4/0	1896	15	27.92	13.90	2.10	25.82
67th St. from Stony Island Ave. to St. Lawrence Ave.....	2,719	250M	1905	4.5	472.83	211.26	11.77	461.06
	2,368	2/0	1907	1.5	196.30	97.32	1.48	194.82
	1,056	4/0	1907	1.5	138.44	68.95	1.04	137.40
73rd St. from Stony Island Ave. to Railroad Ave. ....	820	300M	1907	1.5	166.87	76.50	1.35	165.62
	5,152	350M	1896	15	1,201.96	561.05	96.13	1,105.83
	848	4/0	1896	15	111.17	55.37	8.37	102.80
73rd St. and Railroad Ave.....	235	4/0	1896	15	30.80	15.34	2.31	28.49
Railroad Ave. from 73rd St. to 78th St.....	1,310	4/0	1896	15	171.74	85.54	12.93	158.81
75th St. from Stony Island Ave. to Eggleston Ave. ....	2,631	2/0	1896	15	218.10	108.13	16.49	201.61
	161	2/0	1893	15	13.34	6.61	1.00	12.34
	2,312	4/0	1903	7.5	303.10	150.97	11.40	291.70
South Chicago Ave. from Stony Island Ave. to 95th St. ....	7,109	4/0	1896	15	931.98	464.21	70.16	861.82
	2,312	350M	1903	7.5	539.38	251.77	21.57	517.81
	1,300	W. P. 6	1903	7.5	24.96	10.40	1.09	23.87
93rd St. and South Chicago Ave	318	350M	1903	7.5	74.18	34.63	2.96	71.22
	318	4/0	1903	7.5	41.68	20.76	1.56	40.12
South Chicago Ave. and Erie Ave.....	470	4/0	1903	7.5	61.61	30.69	2.31	59.30
	470	350M	1903	7.5	109.65	51.18	4.38	105.27

FEEDER DETAILS, Continued.

LOCATION.	Amount in Feet.	Size and Kind.	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap Value.	Depreciation.	Present Value.
	80	6	1903	7.5	\$ 1.53	\$ .64	\$ .06	\$ 1.47
95th St. and South Chicago Av.	Submarine							
	1,004	350M	1904	13	853.40	107.23	97.00	756.40
	617	4/0	1903	7.5	80.88	40.29	3.04	77.84
	721	350M	1903	7.5	168.20	78.51	6.72	161.48
	2,420	2/0	1903	7.5	200.61	99.46	7.58	193.03
	35	1	1903	7.5	2.10	.81	.09	2.01
95th St. from South Chicago Ave. to Avenue N. ....	823	350M	1903	7.5	192.00	89.62	7.67	184.33
	1,713	350M	1903	7.5	399.64	186.54	15.98	383.66
	346	350M	1903	7.5	80.72	37.67	3.22	77.50
	3,895	350M	1903	7.5	908.70	424.16	36.34	872.36
	2,607	4/0	1896	15	341.77	170.23	25.73	316.04
95th St. and Avenue N. ....	3,115	4/0	1896	15	408.37	203.40	30.74	377.63
	162	350M	1903	7.5	37.79	17.64	1.51	36.28
	248	350M	1903	7.5	57.85	27.00	2.25	55.60
	343	350M	1903	7.5	80.02	37.35	3.20	76.82
	237	4/0	1896	15	31.07	15.47	2.34	28.73
108th St. and Avenue L, 93rd St. from South Chicago Ave. to Stony Island Ave. ....	4,055	4/0	1903	7.5	531.47	264.72	20.00	511.47
	4,645	350M	1903	7.5	1,083.67	505.82	43.33	1,040.34
	8,709	350M	1903	7.5	2,031.80	948.41	81.70	1,950.10
	669	4/0	1893	15	87.70	43.68	6.60	81.10
	221	350M	1903	7.5	51.55	24.06	2.06	49.49
93rd St. and Escanaba Ave. ....	221	4/0	1903	7.5	28.97	14.43	1.09	27.88
	249	4/0	1903	7.5	32.64	16.25	1.22	31.42
	249	350M	1903	7.5	58.09	27.11	2.32	55.77

FEEDER DETAILS, Continued.

LOCATION.	Amount in Feet.	Size and kind.	Year In- stalled	% Depre- ciation.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Special Feeder Section from C. L. 95th St. to 103rd St. and Cottage Grove Ave., includ- ing Positive Feeder in Power House Yards.....	5,317	350M	1899	13.5	\$ 1,713.13	\$826.79	\$119.65	\$1,593.48
	1,142	2/0	1899	13.5	94.67	46.93	6.44	88.23
	61	500M	1905	4.5	19.65	9.48	.45	19.20
	906	500M	1904	6	291.91	140.88	9.06	282.85
	906	500M	1904	6	291.91	140.88	9.06	282.85
	906	350M	1896	15	211.36	98.66	16.90	194.46
	61	350M	1896	15	14.23	6.64	1.13	13.10
	122	350M	1893	15	28.46	13.28	2.27	26.19
	608	350M	1899	13.5	141.84	66.21	10.21	131.63
	1,778	350M		10	414.80	193.62	22.11	392.69
	547	250M	1905	4.5	95.12	42.50	2.36	92.76
	906	4/0	1895	15	118.77	59.16	8.94	109.83
	122	4/0	1896	15	15.99	7.96	1.20	14.79
	61	4/0	1893	15	7.99	3.98	.60	7.39
	61	4/0	1895	15	7.99	3.98	.60	7.39
	906	4/0	1896	15	118.77	59.16	8.94	109.83
	1,812	2/0	1893	15	150.21	74.47	11.36	138.85
	906	2/0	1893	15	75.10	37.23	5.68	69.42
	61	2/0	1893	15	5.05	2.50	.33	4.72
						\$59,518.35	\$28,341.42	\$3,527.14
Total Feeder Copper.....								

NEGATIVE RETURN CONDUCTOR.

LOCATION	Amount in Feet.	Size and Kind.	Year In- stalled	% Depre- ciation.	Cost New	Scrap Value.	Depreciation.	Present Value
94th St. and Cottage Grove Av. to 95th St. & Langley Ave...	1,320	W. P. 2/0	1898	15	\$ 109.42	\$ 54.25	\$ 8.27	\$ 101.15
94th St. and Cottage Grove Av. to Tower.....	1,812	W. P. 500M	1906	3	583.82	291.76	8.76	575.06
94th St. and Stony Island Ave. to Tower.....	906	W. P. 350M	1898	15	211.36	98.66	16.90	194.46
94th St. and Stony Island Ave. to Tower.....	5,074	W. P. 350M	1898	15	1,183.76	552.55	94.68	1,089.08
96th St. and Stony Island Ave. to Tower.....	12,948	Bare 1/0	1902		700.48	422.10		700.48
(Tower) Power House to 93rd St. and Cottage Grove Ave...	8,220	Bare 3/0	1902		709.28	427.44		709.28
(Tower) Power House to 93rd St. and Drexel Ave.....	1,320	Bare 3/0	1898		113.91	68.64		113.91
Power House to Vaughn Ave. 93rd St. and Vaughn Ave. to Alley between 94th St. and 95th St. on Stony Island Ave. Alley between 94th St. and 95th St. and Cottage Grove Ave...	6,980	Steel Rails 2-78 lb.	1902	30	2,015.89		604.77	1,411.12
Through River at 95th St. bridge From Rail underground to Switch Board.....	17,997	Bare 3/0	1902		1,553.14	935.84		1,553.14
	17,860	Bare 1/0	1905		966.22	582.23		966.22
	500	Bare 4/0	1896		53.70	32.65		53.70
	1,000	Bare 1/0	1903		54.10	32.60		54.10
	100	Bare 500M			25.74	15.55		25.74

## NEGATIVE RETURN CONDUCTOR, Continued.

LOCATION.	Amount in Feet.	Size and Kind.	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap Value.	Depreciation	Present Value.
Power House to Grounding Pit {	2,800	350M			\$513.52	\$304.92		\$513.52
and Tracks.....	800	4/0			85.92	52.24		85.92
	480	500M			123.55	74.64		123.55
C. & W. I. and C. R. I. & P.								
Crossings on Cottage Grove Av.	800	1/0	1902		42.49	25.60		42.49
C. & E. I. on Michigan Ave.....	400	1/0	1903		21.24	12.80		21.24
P. C. C. & St. L. Crossing on 119th St.....	320	1/0	1904		16.99	10.24		16.99
6 Crossings west of Pullman Loop Penn. and L. S. & M. S. on Stony Island Ave.....	700	1/0	1904		37.18	22.40		37.18
B. & O. Crossing at 73rd St. and Stony Island Ave.....	900	1/0	1902		47.80	28.80		47.80
I. C. Crossing at 71st St. and Stony Island Ave.....	400	1/0	1907		21.24	12.80		21.24
Belt and Nickel Plate Crossings on Stony Island Ave. ....	160	1/0	1905		8.49	5.12		8.49
I. C. Penn., L. S. & M. S. Cross- ing on 75th St.....	400	1/0	1902		21.24	12.80		21.24
Belt and Nickel Plate Crossing on 94th St.....	750	1/0	1896		39.84	24.00		39.84
L. S. & M. S. and Penn. Crossing on Exchange Ave.....	400	1/0	1906		21.24	12.80		21.24
I. C. and B. & O. Crossings on 91st St. ....	1,220	1/0	1902		64.80	39.04		64.80
I. C. Crossings on 73rd St., 74th St., and 78th St., Railroad Av	500	1/0	1902		26.56	18.00		26.56
	240	1/0	1896		12.74	7.68		12.74

NEGATIVE RETURN CONDUCTOR, Continued.

LOCATION.	Amount in Feet.	Size and Kind.	Year In- stalled.	% Depre- ciation.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Crossings R. I. Jct., South Chi- cago Ave.....	600	1/0	1896		\$31.87	\$19.20		\$31.87
C. T. T. Crossings on 95th St....	240	1/0	1902		12.74	7.68		12.74
B. & O., L. S. & M. S. and Penn. Crossings on Avenue L.....	1,440	1/0	1902		76.49	46.08		76.49
Penn. R. R. Crossing on 108th St.....	160	1/0	1902		8.49	5.12		8.49
Special Work 75th St. and Cot- tage Grove Ave.....	600	1/0	1906		31.87	19.20		31.87
Special Work, 93rd St. and Cot- tage Grove Ave.....	500	1/0	1903		26.56	16.00		26.56
Special Work, 91st and Erie Ave	600	1/0	1896		31.87	19.20		31.87
Total Return Conductor. ....					\$9,605.55	\$4,318.63	\$ 733.38	\$8,872.17



SPECIAL FEEDER SECTION "A."  
Drexel Ave. to Stony Island Ave.

Material.	Amount.	Kind.	Size.	When Installed	% Dep.	Cost New.	Scrap Value.	Depreciation	Present Value.
Poles.....	44	Cedar	35 ft.	1896	54	\$484.00	\$ 44.00	\$261.56	\$222.44
Stubs.....	6	Cedar		1896	54	18.00		7.92	8.28
Anchors. ....	2	Iron		1896	54	10.00		5.40	4.50
Pole Braces. ....	13	Wood	20 ft.	1896	54	39.00		21.06	17.94
Pole Braces. ....	38	Wood	12 ft.	1896	54	76.00		41.04	34.96
Wood Strains.....	2			1896	54	.40		.22	.18
Globe Strain.....	2			1896	54	.56		.30	.26
Brooklyn Insulators .	5		Ex.heavy	1896	54	6.15		3.32	2.83
Total.....						\$634.11	\$44.00	\$342.62	\$291.49

SPECIAL FEEDER SECTION "B."  
In Power House Yards and from Power House to Corner of Cottage Grove Ave. and 104th St.

Material.	Amount.	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value.
Poles.....	13	Cedar	30 ft.	1899	41	\$104.00	\$ 13.00	\$ 37.39	\$ 66.69
	47	Cedar	35 ft.	1899	41	517.00	47.00	192.70	324.30
	6	Cedar	35 ft.	1903	23	66.00	52.20	13.80	52.20
	7	Cedar	40 ft.	1903	23	101.50	7.00	21.73	79.77
	3	Cedar	40 ft.	1903	23	43.50	3.00	9.32	34.18
Stubs.....	9	Cedar		1899	41	27.00		8.37	18.63
Anchors. ....	11	Iron		1899	41	55.00		22.55	22.45
Braces.....	3	Wood	20 ft.	1899	41	9.00		3.69	5.31
Eye Bolts .....	12			1899	41	1.44		.59	.85
Wood Strains.....	16			1899	41	3.20		1.31	1.89
Brooklyn Insulators.....	9			1899	90.3	11.07		1.07	10.00
Clamps.....	4			1899	41	.48		.20	.28
Lag Screws.....	90	2½x¾ in.		1899	41	.90		.37	.53
Lightning Arresters.....	19	Garton		1905	30	89.11	11.59	23.26	65.85
Iron Frames.....	3			1899	25	9.00		2.25	6.75
Wood Strains.....	4			1899	41	.80		.33	.47
Globe Strains.....	9			1899	41	2.52		1.03	1.49
Brooklyn Insulators.....	51			1899	41	62.73		25.72	37.01
Total.....						\$1,104.25	\$183.79	\$375.60	\$728.65

SPECIAL FEEDER SECTION "C."  
High Tension Feeder Line from Power House Switch Board to Transformers, 63rd St.  
and Stony Island Ave.

Material.	Amount	Kind.	Size.	When Installed.	% Dep.	Cost New.	Scrap Value.	Depreciation.	Present Value
Wire from Switchboard to Pole									
Line Drexel Ave.....	534 ft.	W.P.	6	1899	13	\$ 8.81	\$ 4.30	\$ 0.59	\$ 8.22
Drexel to Stony Island Ave.....	8,811 ft.	W P.	6	1899	13	145.38	70.92	9.68	135.70
94th St. to end of Line at 63rd St.	42,241 ft.	W.P.	6	1899	13	696.98	340.04	46.40	650.58
Poles.....									
Iron Brackets.....	2	Iron		1899		4.00	.50		4.00
Insulators.....	17	Side				.51			.51
Lightning Arresters.....	2	Garton 2,400 volt			25	8.80	1.22	1.89	6.91
Porcelain Bushings.....	2	1½x18"		1899		.50			.50
Porcelain Knobs.....	32	2½"		1899		.64			.64
Cross Arms.....	4	Wood 6-Pin		1899		2.56		1.38	1.18
Fuse Boxes—2,400 volts.....	4			1899	10	3.60		.36	3.24
Total.....						\$883.53	\$417.98	\$ 64.71	\$818.82

MISCELLANEOUS FEEDER MATERIAL SECTION "D."

Material.	Location Spec.	Amount.	Kind.	Size Amp.	% Depre- ciation.	Cost, New.	Scrap Value.	Depreciation.	Present Value.
Section switch in box....		1	Single Pole	50	25	\$ 2.50	\$ 0.25	\$ 0.56	\$ 1.94
Section switch in box....		1	"	300	25	5.00	1.00	1.00	4.00
Section switch in box....	11	1	"	300	25	5.00	1.00	1.00	4.00
Section switch in box....		1	"	300	25	5.00	1.00	1.00	4.00
Section switch in box....		2	"	300	25	10.00	2.00	2.00	8.00
Section switch in box....	7	3	"	300	25	15.00	3.00	3.00	12.00
Section switch in box....	33	1	"	300	25	5.00	1.00	1.00	4.00
Section switch in box....	53	1	"	50	25	2.50	.25	.56	1.94
Lamp Cluster.....		1	"	5 lamp	25	2.00		.50	1.50
Total.....						\$52.00	\$10.50	\$10.62	\$41.38

**SECTION 2-C.**  
**TELEPHONE SYSTEM.**  
**SUMMARY.**

Kind	Size	Length in Feet	Cost New	Present Value
Bare copper wire.....	No. 14	202,534	\$ 502.45	\$ 502.45
Twin rubber covered.....	No. 12	6,200	155.00	148.35
Bare copper wire.....	No. 12	128,494	477.84	477.84
Galvanized iron wire.....	No. 10	4,332	6.48	.44
Galvanized iron wire.....	No. 8	10,292	27.78	1.41
Total.....		351,840	\$1,169.55	\$1,130.49
2,986 telephone attachments @ 8.4 cents each..			250.59	179.34
Labor (65.6 miles @ \$20.00 per mile).....			1,332.00	856.48
Total.....			\$2,752.14	\$2,166.31
Organization, engineering and incidentals, 15%			412.82	324.49
Grand total.....			<b>\$3,164.96</b>	<b>\$2,491.25</b>

TELEPHONE CIRCUIT DETAILS.

Location	Length, Feet.	Kind and Size.	Year In- stalled.	% Deprecia- tion.	Cost, New.	Scrap Value.	Depreciation.	Percent Value.
South Park Ave. from 63rd St. to 67th St.....	9,068	Copper No. 12			\$ 33.73	\$ 18.13		\$ 33.73
66th St. from South Park Ave. to St. Lawrence Ave.....	4,162	Copper No. 12			15.48	9.32		15.48
St. Lawrence Ave. from 66th St. to South Chicago Ave. ....	3,332	Copper No. 12			12.39	6.66		12.39
Special Layout No. 1. ....	375	Copper No. 12			1.39	.75		1.39
Special Layout No. 2. ....	666	Copper No. 12			2.47	1.32		2.47
Special Layout No. 3. ....	462	Copper No. 12			1.71	.92		1.71
Special Layout No. 4. ....	502	Copper No. 12			1.86	1.00		1.86
Special Layout No. 5. ....	316	Copper No. 12			1.17	.63		1.17
So. Chicago Ave. from St. Law- rence Ave. to Cottage Grove Av.	3,120	Copper No. 12			11.60	6.24		11.60
Special Layout No. 6 (a, b, c)....	2,535	Copper No. 12			9.43	5.06		9.43
Cottage Grove Ave. from Brook- line Loop to 75th St.....	12,072	Copper No. 14			29.33	14.96		29.33
Special Layout No. 7. ....								
Special Layout No. 8. ....	3,100	Copper No. 14			17.54	3.84		17.54
Special Layout No. 8. ....	350	Copper No. 12			1.30	.70		1.30
Cottage Grove Ave. from 75th St. to 95th St.....	74,358	Copper No. 14			180.09	92.20		180.09
Cottage Grove Ave. from 75th St. to 95th St.....	10,996	Copper No. 12			40.90	21.98		40.90
Special Layout No. 9 (a to g). ...	33,410	Copper No. 14			81.19	41.42		81.19
Special Layout No. 10 .....								
93rd St. from Barns to Stony Is- land Ave.....	14,620	Copper No. 12			54.38	29.24		54.38

## TELEPHONE CIRCUIT DETAILS, Continued.

Location.	Length Feet	Kind and Size.	Year In- stalled	% Depre- ciation	Cost, New	Scrap Value.	Depredation.	Present Value.
Special Layout No. 11 (a, b, c, d) to No. 18. ....								
119th St. from Michigan Ave. to Halsted St. ....	5,595	Copper No. 12			20.81	11.19		20.81
119th St. from Michigan Ave. to Halsted St. ....	5,595	Copper No. 14			13.60	6.93		13.60
Special Layout No. 19. ....	280	Copper No. 12			1.04	.56		1.04
Special Layout No. 19. ....	280	Copper No. 14			.68	.34		.68
Special Layout No. 20. ....	275	Copper No. 12			1.02	.55		1.02
Special Layout No. 20. ....	275	Copper No. 14			.67	.34		.67
119th St. from Halsted to Morgan, Morgan from 119th to 120th, 120th from Morgan to Halsted, Halsted from 121st St. to 119th St. ....	712	Copper No. 14			1.73	.88		1.73
Special Layout No. 21 and No. 22 Special Layout No. 23. ....	400	Copper No. 14			.97	.47		.97
Michigan Ave. from 119th to 103rd St. ....	40,416	Copper No. 14			98.21	50.11		98.21
Special Layout No. 24. ....	450	Copper No. 14			1.09	.55		1.09
Michigan Ave. from 103rd St. to 99th St. ....	4,982	Copper No. 14			13.00	6.18		13.00
Special Layout No. 25. ....	1,120	Copper No. 14			2.72	1.38		2.72
Michigan Ave. from 99th St. to 95th St. ....	8,232	Copper No. 14			20.00	10.20		20.00
Special Layout No. 26. ....	600	Copper No. 14			1.46	.79		1.46

TELEPHONE CIRCUIT DETAILS, Continued

TELEPHONE SYSTEM.

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Location	Length, Feet.	Kind and Size.	Year In- stalled.	% Deprecia- tion.	Cost, New	Scrap Value.	Depreciation.	Present Value.
95th St. from Michigan Ave. to Cottage Grove Ave.....	16,532	Copper No. 14			\$ 40.17	\$ 20.49		\$ 40.17
Stony Island Ave. from 94th St. to 79th St.....	14,530	Copper No. 12			54.05	29.06		54.05
Stony Island Ave. from 94th St. to 79th St.....	3,790	Iron No. 10	1893	95	5.68		\$ 5.48	.20
Special Layout No. 27.....	464	Copper No. 12			1.72	.92		1.72
Special Layout No. 28.....	532	Iron No. 10	1893	95	.80		.76	.04
Stony Island Ave. from 79th St. to 63rd St.....	7,412	Iron No. 8	1893	95	20.01		19.00	1.01
Stony Island Ave. from 79th St. to 63rd St.....	2,100	Iron No. 8	1893	95	5.67		5.38	.29
Stony Island Ave. from 79th St. to 63rd St.....	3,790	Ins.Cop. No. 12	1905	4.5	94.75	15.16	3.58	91.17
Stony Island Ave. from 79th St. to 63rd St.....	1,980	Ins, Cop. No. 12	1905	4.5	49.50	7.92	2.67	46.83
Stony Island Ave. from 79th St. to 63rd St.....	4,520	Copper No. 12			16.81	9.04		16.81
Special Layout No. 29.....	360	Iron No. 8	1893	95	.97		.92	.05
Special Layout No. 30.....	420	Iron No. 8	1893	95	1.13		1.07	.06
Special Layout No. 31.....	230	Ins.Cop. No.12	1905	4.5	5.75	.92	.21	5.54
Special Layout No. 32.....	200	Ins.Cop. No.12	1905	4.5	5.00	.80	.18	4.82
Special Layout No. 33.....	450	Copper No. 12			1.67	.90		1.67
75th St. from Stony Island Ave. to Eggleston Ave.....	9,780	Copper No. 12			36.38	19.56		36.38
Special Layout No. 39.....	300	Copper No. 12			1.11	.60		1.11



TELEPHONE CIRCUIT DETAILS, Continued.

Location	Length Feet.	Kind and Size.	Year In- stalled.	% Depre- ciation.	Cost, New.	Scrap Value.	Depreciation.	Present Value.
South Chicago Ave. from Stony Island Ave. to 95th St. ....	400	Copper No. 12			1.48	.80		1.48
South Chicago Ave. from Stony Island Ave to 95th St. ....	1,700	Copper No. 12			6.32	3.40		6.32
Special Layout No. 42. ....	598	Copper No. 12.			2.22	1.19		2.22
Special Layout No. 43. ....	996	Copper No. 12			3.70	1.99		3.70
Special Layout No. 44. ....	360	Copper No. 12			1.33	.72		1.33
Special Layout No. 45. ....	1,234	Copper No. 12			4.59	2.46		4.59
91st St. from South Chicago Ave. to Mackinaw Ave. ....								
Erie Ave. from 91st St. to South Chicago Ave. ....	1,300	Copper No. 12			4.83	2.60		4.83
93rd St. from Erie Ave. to South Chicago Ave. ....								
93rd St. from South Chicago Ave. to Stony Island Ave. ....	34,836	Copper No. 12			129.37	69.67		129.58
Special Layout No. 55. ....	370	Copper No. 12			1.37	.74		1.37
Total .....	351,840				\$1,169.55	\$532.05	\$ 39.06	\$1,130.49
2,986 Telephone Attachments @ 8.4 cts. each. ....				28.4	250.09		71.25	179.34
Labor (66.6 mi. @ \$20 per mi.)				35.7	332.00		475.52	856.48
Total .....					\$2,572.14	\$532.05	\$585.83	\$2,166.31

**EXHIBIT III.**  
**ROLLING STOCK**



**EXHIBIT III.  
Rolling Stock.****SUMMARY.**

	Cost New plus 5 %	Present Value plus 5 %
Car bodies.....	\$319,124.40	\$270,012.21
Motor equipments.....	141,603.52	118,625.61
Trucks .....	60,847.50	52,505.25
Miscellaneous equipment.....	22,942.24	20,256.39
Total rolling stock.....	<b>\$544,517.66</b>	<b>\$461,399.46</b>

CAR BODIES.

Groups	No. of Cars	Type	Cost New	Present Value
1A- 7	57	Box motors.....	\$123,815.00	\$110,369.38
8	12	Box trailers.....	16,968.00	13,574.40
9-10	60	Open motors.....	75,150.00	59,132.25
11-13	55	Open trailers.....	60,425.00	51,448.10
14-41	40	Miscellaneous cars.....	27,570.00	22,630.36
Total...224 .....			\$303,928.00	\$257,154.49
Organization, engineering and incidentals,				
5% .....			15,196.40	12,857.72
Grand totals.....			\$319,124.40	\$270,012.21

PASSENGER CAR BODIES

Group No	Number of Cars.	Maker	Length Over Body	Length over Bumpers.	Seating Capacity	Age.	Since Rebuilt.	Trucks.	% De-precia-tion.	Unit Price New.	Total Cost New.	Total Present Value.
BOX MOTOR BODIES												
1A	2	Kuhlman	31 ft. 9 in.	47 ft. 6 in.	40	New	.....	D	0	\$3,441.00	\$ 6,882.00	\$ 6,882.00
1B	1	Kuhlman	31 ft. 8 in.	46 ft. 3 in.	40	4 yrs.	1 mo.	D	2	3,238.00	3,238.00	3,173.24
2	14	Kuhlman	31 ft. 8 in.	46 ft. 3 in.	44	3 yrs.	.....	D	5	3,088.00	43,232.00	41,070.40
3	8	Brill	31 ft. 9 in.	43 ft. 3 in.	44	5 yrs.	.....	D	7	2,981.00	23,848.00	22,178.64
4	14	Pullman	20 ft. 0 in.	30 ft. 6 in.	26	11 yrs.	1 mo.	S	15	1,504.00	21,056.00	17,897.60
5	13	Pullman	18 ft. 8 in.	28 ft. 2 in.	24	14 yrs.	.....	S	20	1,418.00	18,434.00	14,747.20
6	4	Lamokin	18 ft. 8 in.	27 ft. 2 in.	24	14 yrs.	.....	S	40	1,418.00	5,672.00	3,403.20
7	1	St. Louis	18 ft. 9 in.	27 ft. 9 in.	24	14 yrs.	.....	S	30	1,453.00	1,453.00	1,017.10
57 Total (Groups 1A-7).										\$123,815.00 \$110,369.38		

BOX TRAILERS

8	12	St. Louis	18 ft. 9 in.	27 ft. 9 in.	24	14 yrs.	.....	S	20	\$1,414.00	\$ 16,968.00	\$ 13,574.40
OPEN MOTOR BODIES												
9	15	St. Louis	17 ft. 9 in.	27 ft. 2 in.	32	14 yrs.	.....	S	25	\$1,317.00	\$ 19,755.00	\$ 14,816.25
10	45	Pullman	20 ft. 0 in.	30 ft. 0 in.	50	11 yrs.	.....	S	20	1,231.00	55,395.00	44,316.00
60 Total (Groups 9 and 10).										\$ 75,150.00 \$ 59,132.25		

OPEN TRAILERS

11	31	Pullman	20 ft. 0 in.	30 ft. 0 in.	50	11 yrs.	.....	S	10	\$1,193.00	\$ 36,983.00	\$ 33,284.70
12	11	Pullman	18 ft. 2 in.	27 ft. 4 in.	45	11 yrs.	.....	S	20	1,058.00	11,638.00	9,310.40
13	13	St. Louis	17 ft. 3 in.	23 ft. 8 in.	40	14 yrs.	.....	S	25	908.00	11,804.00	8,853.00
55 Total (Groups 11-13).										\$60,425.00 \$ 51,448.10		

184 Grand Total (Groups 1-A-13)..... \$276,358.00 \$234,524.13

MISCELLANEOUS CAR BODIES

Group.	No. of Cars.	Description	Age, Years.	% Deprecia- tion.	Unit Price New.	Total Cost New.	Total Present Value.
14	3	Closed work cars (14 ft. body).....	17	47	\$1,124.00	\$ 3,372.00	\$ 1,787.16
15	1	Line car.....	17	30	1,079.00	1,079.00	755.30
16	1	No. 1 Snow sweeper (including trucks).....	10	5	1,044.00	1,044.00	991.80
17	1	No. 2 Snow sweeper (including trucks).....	10	5	1,244.00	1,244.00	1,181.80
18	1	No. 3 Snow plow.....	12	25	268.00	268.00	201.00
19	1	No. 4 Snow plow.....	10	10	1,664.00	1,664.00	1,497.60
20	1	No. 5 Snow plow.....	8	5	1,429.00	1,429.00	1,357.55
21	1	No. 6 Snow plow.....	10	5	1,429.00	1,429.00	1,357.55
22	1	No. 1 Wooden tank sprinkler.....	14	50	800.00	800.00	400.00
23	1	No. 2 Wooden tank sprinkler.....	12	30	877.00	877.00	613.90
24	1	No. 3 Wooden tank sprinkler.....	11	25	877.00	877.00	657.75
25	1	No. 1 Steel tank sprinkler.....	New	0	1,512.00	1,512.00	1,512.00
26	1	No. 2 Steel tank sprinkler.....	New	0	1,237.00	1,237.00	1,237.00
27	2	Salt cars.....	7	5	168.00	336.00	319.20
28	1	Cupola car for cast welding.....	1	2	1,067.00	1,067.00	1,045.66
29	1	Sand blast car.....	1	2	2,088.00	2,088.00	2,046.24
30	8	3 yard dump cars.....	1	10	84.00	672.00	604.80
31	1	18 yard dump car.....	1	5	911.00	911.00	865.45
32	1	18 ft. flat.....	New	0	343.00	343.00	343.00
33	3	16 ft. flat.....	10	15	138.00	414.00	351.90
34	1	10 ft. flat (including trucks).....	10	15	150.00	150.00	127.50
35	1	Sand supply car.....	10	15	170.00	170.00	144.50
36	1	Push car (including trucks).....	10	15	75.00	75.00	63.75
37	1	Rail grinder.....	New	0	500.00	500.00	500.00
38	1	Track digger.....	2	5	250.00	250.00	237.50
39	1	Wreck car.....	New	0	979.00	979.00	979.00
40	1	Closed work motor car (18 ft. 8 in. body).....	14	20	1,374.00	1,374.00	1,099.20
41	1	Closed work car (18 ft. 9 in. body).....	14	75	1,409.00	1,409.00	352.25
						<b>\$27,570.00</b>	<b>\$22,630.36</b>

MOTOR EQUIPMENTS—COMPLETE F. O. B. FACTORY

No. of Equipments	Motors per Equipment.	Maker.	Type.	H. P.	% Depreciation.	Unit Price New.	Total Cost New.	Total Present Value.
43	2	G. E.	800	27	18	\$1,040.00	\$44,720.00	\$36,670.40
2	1	G. E.	800	27	18	520.00	1,040.00	852.80
15	4	G. E.	70	40	5	2,489.00	37,335.00	35,468.25
2½	4	G. E.	80	40	0	2,489.00	6,222.50	6,222.50
5½	4	G. E.	52	25	12	1,874.00	10,307.00	9,070.16
3	4	G. E.	54	25	12	1,874.00	5,622.00	4,947.36
15	2	G. E.	W. P. 50	35	35	1,040.00	15,600.00	10,140.00
1½	2	G. E.	W. P. 30	30	35	1,040.00	1,560.00	1,014.00
2	1	Ray		30	50	900.00	1,800.00	900.00
6	1	Ray		40	50	900.00	5,400.00	2,700.00
2	2	West.	Lorain	35	5	1,158.00	2,316.00	2,200.20
1	4	West.	Lorain	35	5	2,168.00	2,168.00	2,059.60
1	1	West.	Lorain	30	5	770.00	770.00	731.50
100½								
Total.....							\$134,860.50	\$112,976.77
5% for organization, engineering and incidentals.....							6,743.02	5,648.84
Grand Total.....							\$141,603.52	\$118,625.61



TRUCKS—F. O. B. FACTORY

No.	Type.	Single or Double.	% Depreciation.	Unit Price New.	Total Cost New.	Total Present Value.
42	McGuire pressed steel.	Sgl.	20%	\$250.00	\$10,500.00	\$8,400.00
27	McGuire A1 and A2 suspension	Sgl.	20%	275.00	7,425.00	5,940.00
3	Curtis.	Sgl.	25%	275.00	825.00	618.75
5	Peckham 7 B X.	Sgl.	25%	253.00	1,265.00	948.75
5	McGuire Columbia.	Sgl.	20%	275.00	1,375.00	1,100.00
1	Lovejoy.	Sgl.	35%	200.00	200.00	130.00
1	Brill 21 E.	Sgl.	20%	280.00	280.00	224.00
4	Taylor.	Sgl.	30%	240.00	960.00	672.00
80	McGuire pedestal.	Sgl.	12%	150.00	12,000.00	10,560.00
12	St. Louis pedestal.	Sgl.	12%	150.00	1,800.00	1,584.00
1	Du Pont.	Sgl.	2%	250.00	250.00	245.00
13	Temporary.	Sgl.	10%	90.00	1,170.00	1,053.00
26	Brill 27 G.	Dbl.	8%	625.00	16,250.00	14,950.00
3	Calumet M. C. B.	Dbl.	2%	650.00	1,950.00	1,911.00
1	Pressed steel M. C. B.	Dbl.	2%	700.00	700.00	686.00
1	Calumet-Peckham.	Dbl.	0%	650.00	650.00	650.00
1	McGuire rail truck.	Dbl.	5%	350.00	350.00	332.50
226	Total.				\$57,950.00	\$50,005.00
	5% for organization, engineering and incidentals.				2,897.50	2,500.25
	Grand Total.				\$60,847.50	\$52,505.25

# MISCELLANEOUS CAR EQUIPMENT

Number of Equipments.	Description	% Depreciation	Unit Price New.	Total Cost New.	Total Present Value.
24	Peter Smith heater No. 2 (Installed)	8	\$135.00	\$3,240.00	\$2,980.80
1	Germer heater No. 2 (Installed)	0	125.00	125.00	125.00
5	Calumet stoves.	7	22.50	1,170.00	1,088.10
3	Consolidated electric heaters.	10	25.00	75.00	67.50
26	National air brakes, AA1 compressor.	4	275.00	7,150.00	6,864.00
1	National air brakes, D4 compressor.	4	450.00	450.00	432.00
1	National air brakes, upright compressor.	4	300.00	300.00	288.00
63	Resistances for Mosher headlights.	3	4.50	283.50	275.00
172	New Haven double fare registers.	20	30.00	5,160.00	4,128.00
56	Mosher arc headlights.	3	20.00	1,120.00	1,086.40
22	Hunter adjustable illuminated signs.	20	12.50	275.00	220.00
125	Calumet pattern illuminated signs.	20	5.00	625.00	500.00
300	Wooden deck signs.	50	3.00	900.00	450.00
52	Automotoneers.	20	12.50	650.00	520.00
67	Motorman's stools.	20	1.25	83.75	67.00
12	25 lb. Wrecking frogs.	0	2.50	30.00	30.00
17	Oil headlights.	20	12.50	212.50	170.00
Total.					\$21,849.75
5% for organization, engineering and incidentals.					1,092.49
Grand total.					\$22,942.24
					\$20,256.39

GROUP NO. 1-A.  
Typical Car No. 134.



**SPECIFICATION FOR SEMI-CONVERTIBLE PASSENGER  
MOTOR CAR.**

**Group 1-A.**

**General Description:**

Semi-convertible body with smoking compartment. "Pay-as-you-enter" type.

Double truck, 4 ft. 2 in. wheel base, 33 in. wheels.

Cross and longitudinal seats,

Seating capacity, 40.

**General Dimensions:**

Length, over bumpers, 47 ft. 6 in.

Length, over body, 31 ft. 9 in.

Width, over all, 8 ft. 9 in.

Height, floor to ceiling, 8 ft. 5 in.  
Height, top of rail to top of trolley board, 12 ft. 1 in.  
Truck centers, 19 ft. 8 in.

**Framing:**

Side sills, yellow pine, 4 in. x  $7\frac{3}{4}$  in., reinforced with  $\frac{3}{8}$  in. x 15 in. steel plate.  
End sills, oak,  $5\frac{1}{4}$  in. x  $6\frac{7}{8}$  in.  
Corner posts, ash,  $3\frac{3}{4}$  in. x 7 in.  
Center posts, ash,  $1\frac{1}{2}$  in. x 7 in.

**Platforms:**

Vestibuled, with "pay-as-you-enter" fittings.  
Length, front, 5 ft. 10 in.; rear, 6 ft. 11 in.  
Width of opening, front, 4 ft. 8 in.; rear, 5 ft. 3 in.  
Bumpers, steel angle  $3\frac{1}{2}$  in. x 6 in.  
Dash, wood.

**Sheathing:**

Side, convex and concave,  $\frac{1}{2}$  in. poplar panels.  
End, poplar panels.

**Roof:**

Monitor type.  
Materials, wood and canvas.  
Carlines, ash.

**Windows:**

Side sash, 22, double; both sash may be concealed in lower deck ceiling.  
Size, upper, 31 in. x 17 in.; lower, 31 in. x 29 in.  
Front end, two, 20 in. x 41 in.  
Rear end, one,  $18\frac{1}{2}$  in. x  $45\frac{1}{2}$  in.  
Partition, two, 28 in. x  $36\frac{1}{2}$  in.  
Monitor sash, 22 side (12 removable), two end, one partition.  
Side, size,  $8\frac{1}{2}$  in. x 30 in.  
End, size,  $8\frac{1}{2}$  in. x 53 in.  
Partition, size,  $8\frac{1}{2}$  in. x 53 in.

**Doors:**

Front, double sliding, for 40 in. opening.  
Rear, one sliding, for 25 in. opening.  
Rear, one swinging, for 25 in. opening.  
Partition, single sliding, for 24 in. opening.  
Vestibule, front and rear, triple folding.

**Floor:**

Double, yellow pine with ash strips.

**Interior Woodwork:**

Cherry; ceiling, bird's eye maple veneer, decorated.

**Seats:**

Total capacity, 40.  
Type, 16 fixed cross, 4 longitudinal.  
Maker, Brill.  
Material, rattan.  
Width of aisle, 26 in. and 58 in.

**Lighting:**

Type, electric.  
 Number of fixtures, 21.  
 Number of lights, 21.

**Curtains:**

Material, crown cloth.  
 Fixtures, Forsyth.

**Fender:**

One, Calumet.

**Steps:**

Number, two single.  
 Material, steel brackets, wood treads.

**Signals:**

Two gongs, 14 in.  
 Two conductor's bells, 6 in.  
 One whistle.  
 Eighteen passenger's push buttons connected to one bell on each platform.

**Trimmings:**

Bronze.

**Sand Boxes:**

One, Duner.

**Window Guards:**

Side, seven iron rods.  
 End, three brass tubes.

**Signs:**

End, two Hunter adjustable illuminated in vestibule.  
 Side, one Hunter adjustable in window.

**Hand Brakes:**

Double end, Brill, bevel geared hand wheel.

**Fare Register:**

Equipment for New Haven E10 double register, operated by rod from both sides of car and, for cash fares only, by foot lever on rear platform.

**Track Scrapers:**

1 pair Brill.

**Draw Bars:**

Two link and pin radial couplers, with cast steel head.

**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, color to be chrome yellow below the belt, orange above, striping and lettering in silver, and to receive one coat rubbing varnish and two coats finishing varnish.

**GROUP NO. 1-B.**  
**Typical Car No. 124.**



**SPECIFICATION FOR SEMI-CONVERTIBLE PASSENGER  
 MOTOR CAR.**

**Group 1-B.**

**General Description:**

Semi-convertible body with smoking compartment. "Pay-as-you-enter" type.

Double truck, 4 ft. 2 in. wheel base, 33 in. wheels.

Longitudinal and cross seats.

Seating capacity, 40.

**General Dimensions:**

Length, over bumpers, 46 ft. 3 in.

Length, over body, 31 ft. 8 in.

Width, over all, 8 ft. 10 in.

Height, floor to ceiling, 8 ft. 5½ in.

Height, top of rail to top of trolley board, 12 ft. 1 in.

Truck centers, 20 ft. 2 in.

**Framing:**

Side sills, yellow pine, 4 in. x 7¾ in., reinforced with ¾ in. x 15 in. steel plate.

End sills, oak, 5¼ in. x 6⅞ in.

Corner posts, ash, 3 in. x 6 in.

Center posts, ash, 3¼ in. x 6 in.

**Platforms:**

Vestibuled, with "pay-as-you-enter" fittings.

Length, 5 ft. 10 in.

Width of opening, front, 26 in.; rear, 52 in.

Bumpers, steel angle 3½ in. x 6 in.

Dash, poplar sheathing.

**Sheathing:**

Side, convex and concave ½ in. poplar panels.

End, ½ in. poplar panels.

**Roof:**

Monitor type.

Materials, wood and canvas.

Carlines, ash.

**Windows:**

Side sash, 22, double; both sash may be concealed above.

Size, upper, 29¾ in. x 17 in.; lower deck ceiling, 29¾ in. x 27½ in.

Front end, two, 21 in. x 40½ in.

Rear end, one, 19 in. x 40½ in.

Partition, two, 26 in. x 50 in.

Monitor sash, 26 side (6 movable), two end, one partition.

Side, 18, size, 8½ in. x 29½ in.; four, size, 8½ in. x 18½ in.; four, size, 8½ in. x 15 in.

End, size, 8½ in. x 53 in.

Partition, size, 8½ in. x 53 in.

**Doors:**

Front, double sliding, for 41 in. opening.

Partition, single sliding, for 28½ in. opening.

Rear, one sliding, for 26 in. opening.

Rear, one swinging, for 24½ in. opening.

Front vestibule, single sliding, for 26 in. opening.

**Floor:**

Double, yellow pine with ash strips.

**Interior Woodwork:**

Cherry; ceiling, bird's eye maple veneer.

**Seats:**

Total capacity, 40.

Number and type, four longitudinal, 16 fixed cross.

Maker, Brill.

Material, rattan.

Width of aisle, 24 in. and 55 in.

**Lighting:**

Type, electric.  
Number of fixtures, 21.  
Number of lights, 21.

**Curtains:**

Material, cloth.  
Fixtures, Cable.

**Fender:**

One, Calumet; brackets for two.

**Steps:**

Two single.  
Steel brackets, wood tread.

**Signals:**

Gongs, two, 14 in.  
Conductor's bells, two, 6 in.  
Whistles, two.  
Twenty passenger's push buttons connected with bell on each platform.

**Trimmings:**

Bronze, including grab handles.

**Sand Boxes:**

Number and type, two, De France.

**Window Guards:**

Side, eight iron rods.  
End, three brass tubes.

**Gates:**

One pair 12 in. x 46 in. (each), diamond mesh, at exit; operated by conductor.

**Sign Brackets:**

Side, two pair, for wood signs.

**Hand Brakes:**

Double end, Brill, ratchet.

**Fare Register:**

Equipment for New Haven E 10 double register, operated by rod from both sides of car and also, for cash fares only, by foot mechanism on platform.

**Draw Bar:**

Link and pin radial coupler, with cast steel head, on both ends of car.

**Interior Finish:**

Interior woodwork to be filled and given one coat of shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior body to be finished with Murphy's A B C system, color to be chrome yellow below the belt, orange above, striping and lettering in silver, and to be given one coat rubbing varnish and two coats finishing varnish.



**GROUP NO. 2.**  
**Typical Car. No. 127.**



**SPECIFICATION FOR SEMI-CONVERTIBLE PASSENGER  
MOTOR CAR.**

**Group 2.**

**General Description:**

- Semi-convertible body, with smoking compartment.
- Double truck, 4 ft. 2 in. wheel base, 33 in. wheels.
- Longitudinal and cross seats.
- Seating capacity, 44.

**General dimensions:**

- Length, over bumpers, 46 ft. 3 in.
- Length, over body, 31 ft. 8 in.
- Width, over all, 8 ft. 10 in.

Height, floor to ceiling, 8 ft. 5½ in.

Height, top of rail to top of trolley board, 12 ft. 1 in.

Truck centers, 19 ft. 9 in.

**Framing:**

Side sills, yellow pine, 4 in. x 7¾ in., reinforced with ¾ in. x 15 in. steel plate.

End sills, oak, 5¼ in. x 6 ⅞ in.

Corner posts, ash, 3 in. x 6 in.

Center posts, ash, 3¼ in. x 6 in.

**Platforms:**

Vestibuled.

Length, 5 ft. 10 in.

Width of opening, 39 in.

Bumper, steel angle, 3½ in. x 6 in.

Dash, poplar sheathing.

**Sheathing:**

Side, convex and concave, ½ in. poplar panels.

End, poplar panel.

**Roof:**

Monitor type.

Materials, wood and canvas.

Carlines, ash.

**Windows:**

Side sash, 22, double; both sash may be concealed above lower deck ceiling.

Size, upper, 29¾ in. x 17 in.; lower, 29¾ in. x 27½ in.

End, four, 21 in. x 40½ in.

Partition, two, 26 in. x 50 in.

Monitor sash, 26 side (6 movable), two end, one partition.

Side, number and size, 18, 8½ in. x 29½ in.; four, 8½ in. x 18½ in.; four, 8½ in. x 15 in.

End, size, 8½ in. x 53 in.

Partition, size, 8½ in. x 53 in.

**Doors:**

Body, two double sliding, for 41 in. opening.

Vestibule, two folding, Duner patent, for 39 in. opening.

Partition, one sliding, for 28½ in. opening.

**Floor:**

Double, yellow pine with ash strips.

**Interior Woodwork:**

Cherry; ceiling, bird's eye maple veneer.

**Seats:**

Total capacity, 44.

Type, 18 cross reversible, four longitudinal.

Maker, Brill.

Material, rattan.

Width of aisle, 24 in. and 55 in.

**Lighting:**

Type, electric.  
Number of fixtures, 22.  
Number of lights, 22.

**Curtains:**

Material, cloth.  
Fixtures, Cable.

**Fender:**

One, Calumet; brackets for two.

**Steps:**

Type, two, single.  
Material, steel brackets, wood tread.

**Signals:**

Two gongs, 14 in.  
Two conductor's bells, 6 in.  
Two whistles.

**Trimmings:**

Interior, bronze; grab handles wood.

**Sand Boxes.**

Two, Duner.

**Window Guards:**

Left side, eight iron rods.  
Right side, three iron rods.  
End, three brass tubes.

**Signs:**

End, none.  
Side, brackets for two wood signs.

**Hand Brakes:**

Double end, Brill ratchet.

**Fare Register:**

Equipment for New Haven E 10 double register, operated by rod from both sides of car.

**Track Scrapers:**

One pair, Brill.

**Draw Bar:**

Two link and pin radial couplers with cast steel heads.

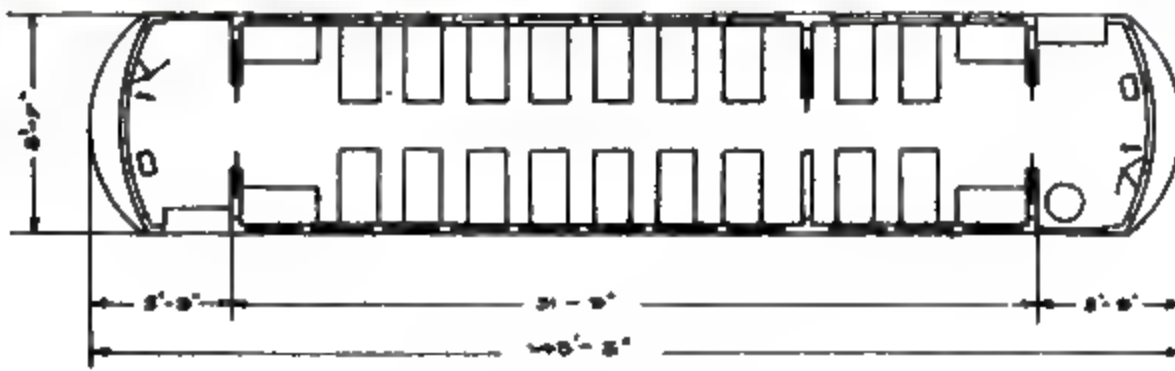
**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, color to be chrome yellow below the belt, orange above, silver striping and lettering, and to be given one coat rubbing varnish and two coats finishing varnish.

**GROUP NO. 3.**  
**Typical Car No. 115.**



**SPECIFICATION FOR SEMI-CONVERTIBLE PASSENGER  
MOTOR CAR.**

**Group 3.**

**General Description:**

Semi-convertible body with smoking compartment.  
Double truck, 4 ft. wheel base, 33 in. wheels.  
Longitudinal and cross seats.  
Seating capacity, 44.

**General Dimensions:**

Length, over bumpers, 43 ft. 3 in.  
Length, over body, 31 ft. 9 in.  
Width, over all, 8 ft. 7 in.

Height, floor to ceiling, 8 ft. 5½ in.

Height, top of rail to top of trolley board, 12 ft. 1 in.

Truck centers, 20 ft. 9 in.

**Framing:**

Side sills, yellow pine, 4 in. x 7¾ in., reinforced with steel plate ¾ in. x 15 in.

End sills, oak, 5¼ in. x 6⅞ in.

Corner posts, ash, 3 in. x 6 in.

Center posts, ash, 3¼ in. x 6 in.

**Platforms:**

Vestibuled.

Length, 4 ft. 5½ in.

Width of opening, 33 in.

Bumpers, steel angle 3½ in. x 6 in.

Dash, poplar sheathing.

**Sheathing:**

Side, convex and concave, ½ in. poplar panels.

End, poplar panels.

**Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

**Windows:**

Side sash, 22, double; both sash may be concealed above lower deck ceiling.

Size, upper, 29¾ in. x 17 in.; lower, 29¾ in. x 27½ in.

End, four, 21 in. x 40½ in.

Partition, two, 26 in. x 50 in.

Monitor sash, 26 side (six movable), two end, one partition.

Side, number and size, 18, 8½ in. x 29½ in.; four, 8½ in. x 18½ in.; four, 8½ in. x 15 in.

End, size, 8½ in. x 53 in.

Partition, size, 8½ in. x 53 in.

**Doors:**

Body, two double sliding, for 41 in. opening.

Vestibule, two folding (Duner), for 33 in. opening.

Partition, one sliding, for 27 in. opening.

**Floor:**

Double, yellow pine with ash strips.

**Interior Woodwork:**

Cherry; ceiling bird's eye maple veneer.

**Seats:**

Total capacity, 44.

Type, 18 cross reversible, four longitudinal.

Maker, Brill.

Material, rattan.

Width of aisle, 24 in. and 55 in.

**Lighting:**

Type, electric.  
Number of fixtures, 22.  
Number of lights, 22.

**Curtains:**

Material, crown cloth.  
Fixtures, Curtain Supply Co's cable.

**Fender:**

One Calumet special; brackets for two.

**Steps:**

Number and type, two, single.  
Material, steel brackets, wood tread.

**Signals:**

Two gongs, 14 in.  
Two conductor's bells, 6 in.  
Two whistles.

**Trimmings:**

Bronze.

**Sand Boxes:**

Two, Duner.

**Window Guards:**

Side, three iron rods.  
End, three brass tubes.

**Signs:**

End, two Hunter adjustable illuminated, mounted on roof.  
Side, brackets for two wood signs.

**Hand Brakes:**

Double end, Brill ratchet.

**Fare Register.**

Equipment for New Haven E 10 double register, operated by rod from both sides of car.

**Track Scrapers:**

Two pair, Brill.

**Draw Bar:**

Two, link and pin radial couplers, with cast steel heads.

**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, color to be chrome yellow below the belt, orange above, striped and lettered in silver, and given one coat rubbing varnish and two coats finishing varnish.

GROUP NO. 4.  
Typical Car No. 105.



**SPECIFICATION FOR CLOSED PASSENGER MOTOR CAR.**

**Group 4.**

**General Description:**

- Closed, passenger body.
- Single truck, 8 ft. wheel base, 33 in. wheels.
- Longitudinal seats.
- Seating capacity, 26.

**General Dimensions:**

- Length, over bumpers, 30 ft. 6 in.
- Length, over body, 20 ft.
- Width, over all, 7 ft. 6 in.

Height, floor to ceiling, 8 ft.

Height, top of rail to top of trolley board, 11 ft. 5 in.

**Framing:**

Side sills, yellow pine, 4 in. x 7 in.

End sills, oak, 5 in. x 7 in.

Corner posts, ash, 3½ in. x 4 in.

Center posts, ash, 2 in. x 4 in.

**Platforms:**

Vestibule.

Length, 50 in.

Width of opening, 31 in.

Bumpers, oak, steel plated.

Dash, steel.

**Sheathing:**

Side, concave and convex, ½ in. poplar panels.

End, poplar panels.

**Roof:**

Monitor type.

Materials, wood and canvas.

Carlines, ash.

**Windows:**

Side sash, single, drop.

Number and size, 14, 32½ in. x 34 in.

End sash, four, 20½ in. x 34 in.

Monitor sash, 14 side, two end.

Side, size, 7½ in. x 31 in., movable.

End, size, 7½ in. x 48 in., fixed.

**Doors:**

Body, two single sliding, for 26 in. opening.

Vestibule, two folding, for 31 in. opening.

**Floor:**

Single, yellow pine with ash strips.

**Interior Woodwork:**

Cherry and ash; ceiling quarter-sawed oak veneer.

**Seats:**

Total capacity, 26.

Type, longitudinal.

Make, Hale & Kilbourn.

Material, rattan.

Width of aisle, 38 in.

**Lighting:**

Type, electric.

Number of fixtures, 10.

Number of lights, 10.

**Curtains:**

Material, Pantasote.

Fixtures, Forsyth.

**Fenders:**

Two, Berg improved.



**Steps:**

Two, single, Stanwood.

**Signals:**

Two 14 in. gongs.

Two 6 in. conductor's bells.

**Trimming:**

Bronze, including grab handles.

**Sand Boxes:**

Number and type, two, Ham.

**Window Guards:**

Side, None.

End, three brass tubes.

**Signs:**

End, two, illuminated, Calumet pattern.

Side, brackets for two wood signs.

**Hand Brakes:**

Type, double end, hand wheel.

Maker, McGuire.

**Fare Register:**

Equipment for New Haven E 10 double register, operated by cord.

**Track Scrapers:**

Two pair, Brill.

**Draw Bars:**

St. Louis pattern, double end.

**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, color to be chrome yellow below the belt, orange above, striped and lettered in silver, and to be given one coat rubbing varnish and two coats finishing varnish.

**GROUP NO. 5.**  
**Typical Car No. 73.**



**SPECIFICATION FOR CLOSED PASSENGER MOTOR CAR.**

**Group 5.**

**General Description:**

- Closed, passenger body.
- Single truck, 8 ft. wheel base, 33 in. wheels.
- Longitudinal seats.
- Seating capacity, 24.

**General Dimensions:**

- Length, over bumpers, 28 ft. 2 in.
- Length, over body, 18 ft. 8 in.
- Width, over all, 7 ft.

Height, floor to ceiling, 7 ft. 6 in.

Height, top of rail to top of trolley board, 11 ft.

**Framing:**

Side sills, yellow pine, 5 in. x 6 in., with  $\frac{1}{2}$  in. x 5 in. steel plate.

End sills, oak, 5 in. x 6 in.

Corner posts, ash,  $3\frac{1}{4}$  in. x 4 in.

Center posts, ash, 2 in. x 4 in.

**Platforms:**

Vestibuled.

Length, 45 in.

Width of opening,  $31\frac{1}{2}$  in.

Bumpers, oak, steel plated.

Dash, wood.

**Sheathing:**

Side, convex and concave,  $\frac{1}{2}$  in. poplar panels.

End, poplar panels.

**Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

**Windows:**

Side sash, 14,  $30\frac{1}{2}$  in. x 34 in., fixed.

End sash, four, 21 in. x 35 in.

Monitor sash, side movable, end fixed.

Side, 14, 7 in. x 30 in.

End, two, 7 in. x 43 in.

**Doors:**

Body, two single sliding, for 26 in. opening.

Vestibule, two double swinging, for  $31\frac{1}{2}$  in. opening.

**Floor:**

Single yellow pine with ash strips.

**Interior Woodwork:**

Quarter-sawed oak; ceiling quarter-sawed oak veneer.

**Seats:**

Total capacity, 24.

Type, longitudinal.

Make, Hale & Kilbourn.

Material, rattan.

Width of aisle, 38 in.

**Lighting:**

Type, electric.

Number of fixtures, nine.

Number of lights, 11.

**Curtains:**

Crown cloth on Hartshorn rollers.

**Fender:**

Two, Berg improved.

**Steps:**

Type, two, single.

Material, steel, wood cover on tread.

**Signals:**

Two 14 in. gongs.

Two 6 in. conductor's bells.

**Trimmings:**

Interior, bronze; grab handles iron.

**Sand Boxes:**

Two, Ham.

**Window Guards:**

Side, none.

End, three brass tubes.

**Signs:**

End, two, illuminated, Calumet type.

Side, brackets for two wood signs.

**Hand Brakes:**

Double end, McGuire hand wheel.

**Fare Register:**

Equipment for New Haven E 10 double register, operated by cord from both sides of car.

**Track Scrapers:**

Two pair, Brill.

**Draw Bars:**

Two, St. Louis pattern.

**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, color to be chrome yellow below the belt, orange above, striping and lettering in silver, and to be given one coat rubbing varnish and two coats finishing varnish.

GROUP NO. 6.  
Typical Car No. 43.



**SPECIFICATION FOR CLOSED PASSENGER MOTOR CAR.**

**Group 6.**

**General Description:**

- Closed, passenger body.
- Single truck, 8 ft. wheel base, 33 in. wheel.
- Longitudinal seats.
- Seating capacity, 24.

**General Dimensions:**

- Length, over bumpers, 27 ft. 2 in.
- Length, over body, 18 ft. 2 in.
- Width, over all, 7 ft. 8 in.

Height, floor to ceiling, 7 ft. 6 in.

Height, top of rail to top of trolley board, 11 ft.

**Framing:**

Side sills, yellow pine, 3½ in. x 6 in.

End sills, oak, 5 in. x 6 in.

Corner posts, ash, 3 in. x 4 in.

Center posts, ash, 2 in. x 4 in.

**Platforms:**

Vestibuled.

Length, 44 in.

Width of opening, 30 in.

Bumper, oak (no sheathing).

Dash, wood.

**Sheathing:**

Side, convex and concave poplar panels.

End, poplar panels.

**Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

**Windows:**

Side sash, 14, 29 in. x 35 in., fixed.

End sash, four, 21 in. x 33 in.

Side monitor, 14, 6½ in. x 27 in., movable.

End monitor, two, 6½ in. x 44 in., fixed.

**Doors:**

Body, two single sliding, for 26 in. opening.

Vestibule, two folding, for 30 in. opening.

**Floor:**

Single, yellow pine, fluted.

**Interior Woodwork:**

Oak and ash; ceiling quarter-sawed oak veneer.

**Seats:**

Total capacity, 24.

Type, longitudinal.

Material, rattan.

Width of aisle, 38 in.

**Lighting:**

Type, electric.

Number of fixtures, three.

Number of lights, five.

**Curtains:**

Material, crown cloth.

Fixtures, spring rollers.

**Fenders:**

Two, Berg improved.

**Steps:**

Two single Stanwood.

**Signals:**

Two gongs, 14 in.  
Two conductor's bells, 6 in.

**Trimmings:**

Bronze.

**Sand Boxes:**

Two, Ham.

**Window Guards:**

Side, none.  
End, three iron rods.

**Sign Brackets:**

End, for two steel plate signs.  
Side, for two wood signs.

**Hand Brakes:**

Double end, McGuire hand wheel.

**Fare Register:**

Equipment for New Haven E.10 double register, operated by cord.

**Track Scrapers:**

Two pair, Brill.

**Draw Bars:**

Two, St. Louis type.

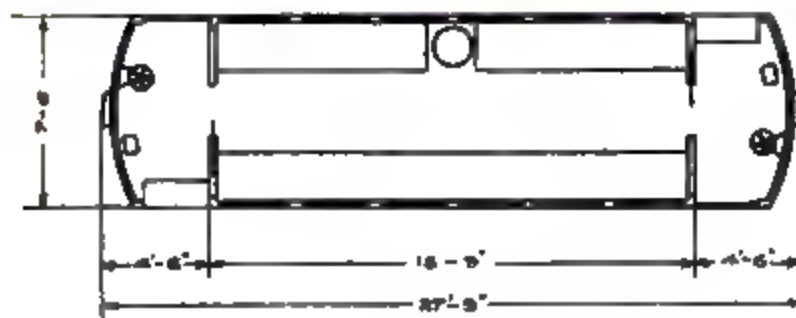
**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

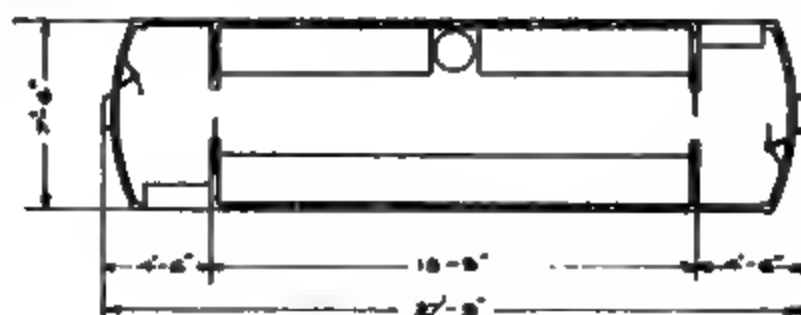
Exterior of body to be finished with Murphy's A B C system, and given one coat rubbing varnish and two coats finishing varnish. Color to be chrome yellow below the belt, orange above, striping and lettering in silver.

GROUP NO. 7.  
Typical Car No. 9.





GROUP NO. 8.  
Typical Car No. 21.



**SPECIFICATION FOR CLOSED PASSENGER MOTOR CAR.**

Groups 7 and 8.

**General Description:**

Closed, passenger body.  
Single truck, 7 ft. wheel base, 33 in. wheels.  
Longitudinal seats.  
Seating capacity, 24.

**General Dimensions:**

Length, over bumpers, 27 ft. 9 in.  
Length, over body, 18 ft. 9 in.  
Width, over all, 7 ft. 6 in.

Height, floor to ceiling, 7 ft. 4 in.

Height, top of rail to top of trolley board, 10 ft. 5 in.

**Framing:**

Side sills, yellow pine, 4 in. x 7 in., reinforced with steel plate,  
1/2 in. x 5 in.

End sills, oak, 5 in. x 7 in.

Corner posts, ash, 3 in. x 4 in.

Center posts, ash, 2 in. x 4 in.

**Platforms:**

Vestibuled.

Length, 44 1/2 in.

Width of opening, 31 in.

Bumper, cast iron on oak timber.

Dash, wood.

**Sheathing:**

Side, convex and concave, 1/2 in. poplar panels.

End, poplar panels.

**Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

**Windows:**

Side, 12 single drop, 35 3/4 in. x 37 in.

End, four, 19 in. x 33 1/2 in.

Monitor, side, movable; end, fixed.

Side, number and size, 12, 7 in. x 35 in.

End, number and size, two, 7 in. x 43 in.

**Doors:**

Body, two single sliding, for 25 in. opening.

Vestibule, two folding, for 31 in. opening.

**Floor:**

Single, yellow pine with ash strips.

**Interior Woodwork:**

Cherry; ceiling, bird's eye maple veneer.

**Seats:**

Total capacity, 24.

Type, longitudinal.

Material, rattan.

Width of aisle, 38 in.

**Lighting:**

Type, electric.

Number of fixtures, three.

Number of lights, five.

**Curtains:**

Material, Pantasote.

Fixtures, Forsyth.

## **814 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

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**Fenders:**

Two, Berg improved.

**Steps:**

Two, single, Stanwood.

**Signals:**

Two gongs, 14 in.

Two conductors' bells, 6 in.

**Trimmings:**

Bronze.

**Sand Boxes:**

Two, Ham.

**Window Guards:**

Side, none.

End, three brass tubes.

**Sign Brackets:**

Front, none.

Side, brackets for two wood signs.

**Hand Brakes:**

Double end, McGuire hand wheel.

**Fare Registers:**

Equipment for New Haven E 10 double register, operated by cord.

**Track Scrapers:**

Two pair, Brill.

**Draw Bars:**

Two, St. Louis type.

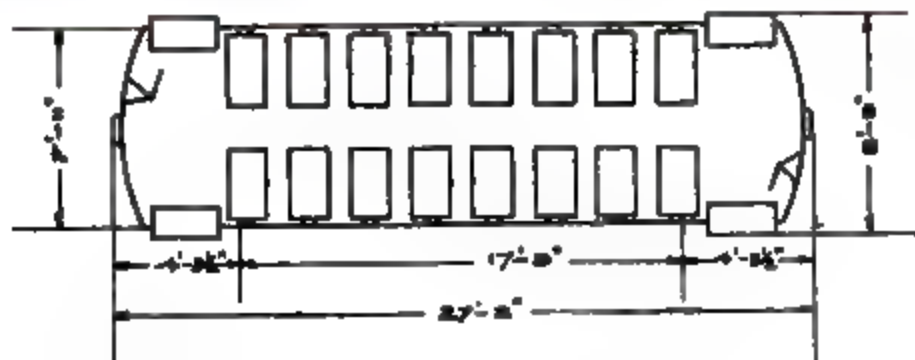
**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, and given one coat rubbing varnish and two coats finishing varnish. Color to be chrome yellow below the belt, orange above, striping and lettering in silver.

**GROUP NO. 9.**  
**Typical Car No. 303.**



**SPECIFICATION FOR OPEN PASSENGER CAR.**

**Group 9.**

**General Description:**

Open, 16 bench body, 18 in. aisle.  
 Single truck, 8 ft. wheel base, 33 in. wheels.  
 Seating capacity, 32.

**General Dimensions:**

Length, over bumpers, 27 ft. 2 in.  
 Length, over corner posts, 17 ft. 9 in.  
 Width, over posts, 7 ft. 11 in.

Width, over steps, 8 ft. 9 in.

Height, floor to ceiling, 7 ft. 5 in.

Height, top of rail to top of trolley board, 11 ft.

**Framing:**

Side sills, yellow pine, 4 in. x 6 in. reinforced with  $\frac{1}{2}$  in. x 6 in. steel plate.

End sills, oak, 3 in. x 6 in.

Corner posts, ash,  $2\frac{1}{2}$  in. x 4 in.

Center posts, ash,  $2\frac{1}{4}$  in. x 4 in.

**Platforms:**

Open.

Length, 51 in.

Width of opening, 40 in.

Bumpers, cast iron on oak timber.

Dash, lattice work.

**Sheathing:**

Side, seat panels,  $\frac{1}{2}$  in. poplar with sheet iron between seats to close opening.

**Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

**Windows:**

End sash (no bulkhead).

Monitor sash.

Side, 14, 7 in. x 27 in., fixed.

End, two, 7 in. x 51 in., fixed.

**Entrances:**

Four, at platforms, 40 in. wide.

**Floor:**

Single, yellow pine.

**Interior Woodwork:**

Ash; ceiling, bird's eye maple veneer.

**Seats:**

Total capacity, 32.

Type, reversible.

Material, ash.

Width of aisle, 18 in.

**Lighting:**

Type, electric.

Number of fixtures, 20.

Number of lights, 20.

**Curtains:**

Material, cloth.

Fixtures, cable.

**Steps:**

Number, three, single.

Material, wood tread, steel brackets.

**Signals:**

Two gongs, 14 in.

Two conductor's bells, 6 in.

**Trimmings:**

Bronze.

**Guards:**

Side, two diamond mesh wire screens 25 in. wide x 17 ft. 9 in. long.

**Gates:**

Three, wire (diamond mesh).

**Sign Brackets:**

End, for two sheet iron signs.

Side, for two wood signs.

**Hand Brakes:**

Double end, ratchet.

**Fare Register:**

Equipment for New Haven E 10 double register operated by rod.

**Draw Bars:**

Two, St. Louis type.

**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, and to receive one coat rubbing varnish and two coats finishing varnish. Color to be chrome yellow below the belt, orange above, striping and lettering in silver.

GROUP NO. 10.  
Typical Car No. 307.



**GROUP NO. 11.**  
**Typical Car No. 299.**



**Groups 9 and 10.**

**General Description:**

Open, 10 bench body, no aisle.  
 Single truck, 8 ft. wheel base, 33 in. wheels.  
 Seating capacity, 50.

**General Dimensions:**

Length, over bumpers, 30 ft.  
 Length, over corner posts, 20 ft.  
 Width, over posts, 7 ft.



**SPECIFICATION FOR OPEN PASSENGER CAR.**

Width, over steps, 7 ft. 11 in.

Height, floor to ceiling, 7 ft. 8 in.

Height, top of rail to top of trolley board, 11 ft. 1 in.

**Framing:**

Side sills, yellow pine, 4 in. x 7 in., reinforced with  $\frac{1}{2}$  in. x 7 in. steel plate.

End sills, oak, 5 in. x 5 in.

Corner posts, ash,  $3\frac{1}{2}$  in. x  $5\frac{1}{2}$  in.

Center posts, ash,  $2\frac{1}{4}$  in. x  $5\frac{1}{2}$  in.

**Platforms:**

Open.

Length, 37 in.

Width of opening, 18 in.

Bumpers, oak, steel plated.

Dash, steel.

**Sheathing:**

Side, seat panels,  $\frac{1}{2}$  in. poplar.

**Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

**Windows:**

Bulkhead sash, six, 22 in. x  $34\frac{1}{2}$  in., drop.

Monitor sash.

Side, 10, 6 in. x 28 in.; four, 6 in. x 39 in.

End, two, 6 in. x  $46\frac{1}{2}$  in.

**Entrances:**

On each side; two, 18 in.; two, 19 in.; five, 16 in.

**Floor:**

Single, yellow pine.

**Interior Woodwork:**

Ash; ceiling, basswood with no headlining.

**Seats:**

Total capacity, 50.

Type, four, fixed at bulkheads; six reversible with spindle back.

Material, ash.

**Lighting:**

Type, electric.

Number of fixtures, 10.

Number of lights, 10.

**Curtains:**

Material, cloth.

Fixtures, cable.

**Steps:**

Type, two fixed, full length of car.

Material, malleable iron brackets, wood tread.

**Signals:**

Two gongs, 14 in.

Two conductor's bells, 6 in.

**Trimnings:**

Malleable iron.

**Guards:**

Side, one wire screen, diamond mesh, 18 in. wide x full length of car.

End, none.

**Sign Brackets:**

End, brackets for two sheet iron signs.

Side, brackets for two wood signs.

**Hand Brakes:**

Double end, ratchet handle.

**Fare Register:**

Equipment for New Haven E 10 register, operated by rod.

**Draw Bars:**

Two, St. Louis type.

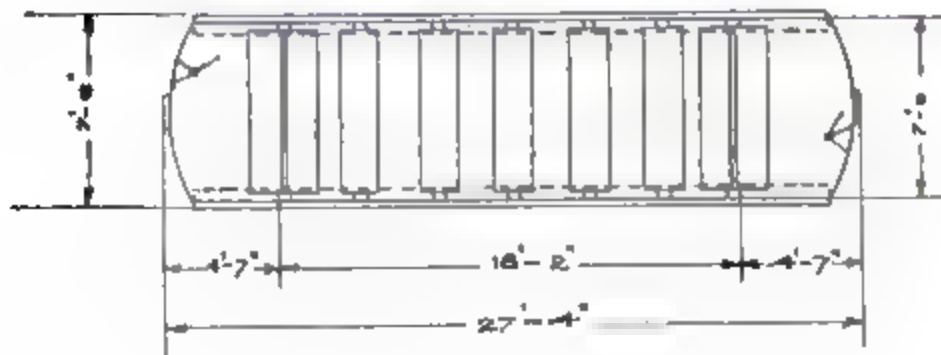
**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior finish:**

Exterior of body to be finished with Murphy's A B C system, and to receive one coat rubbing varnish and two coats finishing varnish. Color to be chrome yellow below the belt, orange above, striping and lettering to be in silver.

GROUP NO. 12.  
Typical Car No. 80.



**SPECIFICATION FOR OPEN PASSENGER CAR.**  
Group 12.

**General Description:**

Open passenger body, 9 benches.  
Pedestal trucks, 8 ft. wheel base, 30 in. wheels.  
Seating capacity, 49; no aisle.

**General Dimensions:**

Length, over bumpers, 27 ft. 4 in.  
Length, over corner posts, 18 ft. 2 in.  
Width, over posts, 7 ft.  
Width, over steps, 7 ft. 6 in.  
Height, floor to ceiling, 7 ft. 6 in.  
Height, top of rail to top of roof, 10 ft. 9 in.

**Framing:**

Side sills, yellow pine,  $3\frac{1}{2}$  in. x 6 in., reinforced with  $\frac{1}{2}$  in. x 6 in. steel plate.

End sills, oak,  $3\frac{1}{2}$  in x 5 in.

Corner posts, ash, 3 in. x 5 in.

Center posts, ash, 2 in. x 5 in.

**Platforms:**

Open.

Length, 33 in.

Width of opening,  $22\frac{1}{2}$  in.

Bumpers, cast iron on oak timber.

Dash, steel.

**Sheathing:**

Side, seat panels poplar.

**Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

**Windows:**

End sash, four,  $32\frac{1}{2}$  in x 34 in.

Side, monitor, four, 6 in x 43 in; eight, 6 in. x  $29\frac{1}{2}$  in.

End, monitor, two, 6 in. x 44 in.

**Entrances:**

On each side: Two,  $22\frac{1}{2}$  in.; two, 22 in; four, 17 in.

**Floor:**

Single; yellow pine.

**Interior Woodwork:**

Ash; ceiling, maple veneer.

**Seats:**

Total capacity, 45.

Type, four, fixed (at bulkheads); five reversible.

Material, ash; spindle backs.

Aisle, none.

**Lighting:**

Type, electric.

Number of fixtures, 3.

Number of lights, 5.

**Curtains:**

Material, cloth.

Fixtures, cable,

**Steps:**

Type, two fixed longitudinal; full length of car.

Material, forged brackets, wood tread.

**Signals:**

Two conductor's bells, 6 in.

## **324 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

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**Trimmings:**

Bronze.

**Guards:**

Side, diamond mesh wire screens, 18 in wide x full length of car.

End, none.

**Hand Brakes:**

Double end, ratchet handle.

**Fare Register:**

Equipment for New Haven E 10 register operated by rod.

**Draw Bars:**

Two, St. Louis pattern.

**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, and given one coat rubbing varnish and two coats finishing varnish. Color to be chrome yellow below the belt, orange above, striping and lettering in silver.

**GROUP NO. 13.**  
**Typical Car No. 32.**



**SPECIFICATION FOR OPEN PASSENGER CAR.**

**Group 13.**

**General Description:**

Open, 8 bench body, no aisle.  
 Pedestal trucks, 7 ft. wheel base, 33 in. wheels.  
 Seating capacity, 40.

**General Dimensions:**

Length, over bumpers, 23 ft 8 in.  
 Length, over corner posts, 17 ft. 3 in.  
 Width, over posts, 7 ft.

## **326 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

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Width, over steps, 7 ft. 9 in.

Height, floor to ceiling, 7 ft. 6½ in.

Height, top of rail to top of roof, 10 ft.

### **Framing:**

Side sills, yellow pine, 3½ in x 6 in., reinforced with ½ in. x 6½ in. steel plate.

End sills, oak, 2½ in. x 4 in.

Corner posts, ash, 2¼ in. x 2½ in.

Center posts, ash, 2¼ in. x 4½ in.

### **Platforms:**

Open.

Length, 24 in.

Width of opening, 19 in.

Bumpers, cast iron on oak timber.

Dash, steel.

### **Sheathing:**

Side, seat panels, ½ in. poplar.

### **Roof:**

Monitor type.

Material, wood and canvas.

Carlines, ash.

### **Windows:**

End sash (no bulkhead).

Monitor sash, side, fourteen, 8 in. x 27½ in.

End, two, 8 in. x 43 in.

### **Entrances:**

On each side, two, 19 in.; seven, 14 in.

### **Floor:**

Single, yellow pine.

### **Interior Woodwork:**

Ash; ceiling, bird's-eye maple veneer.

### **Seats:**

Total capacity, 40.

Type, reversible (spindle back).

Material, ash.

### **Lighting:**

Type, electric.

Number of fixtures, 3.

Number of lights, 5.

### **Curtains:**

Cloth on spring rollers.

### **Steps:**

Type, two fixed, full length of car.

Material, forged brackets, wood tread.

### **Signals:**

Two conductor's bells, 6 in.

**Trimmings:**

Bronze.

**Guards:**

Side, one wire screen, diamond mesh, 18 in. x full length of car.

**Hand Brakes:**

Double end, ratchet.

**Fare Register:**

Equipment for New Haven E 10 register operated by rod.

**Draw Bars:**

Two, St. Louis type.

**Interior Finish:**

Interior woodwork to be filled and given one coat shellac and two coats rubbing varnish.

**Exterior Finish:**

Exterior of body to be finished with Murphy's A B C system, and given one coat rubbing varnish and two coats finishing varnish. Color to be chrome yellow below the belt, orange above, striping and lettering in silver.





Line Car.



Wrecking Car.



Work Car.



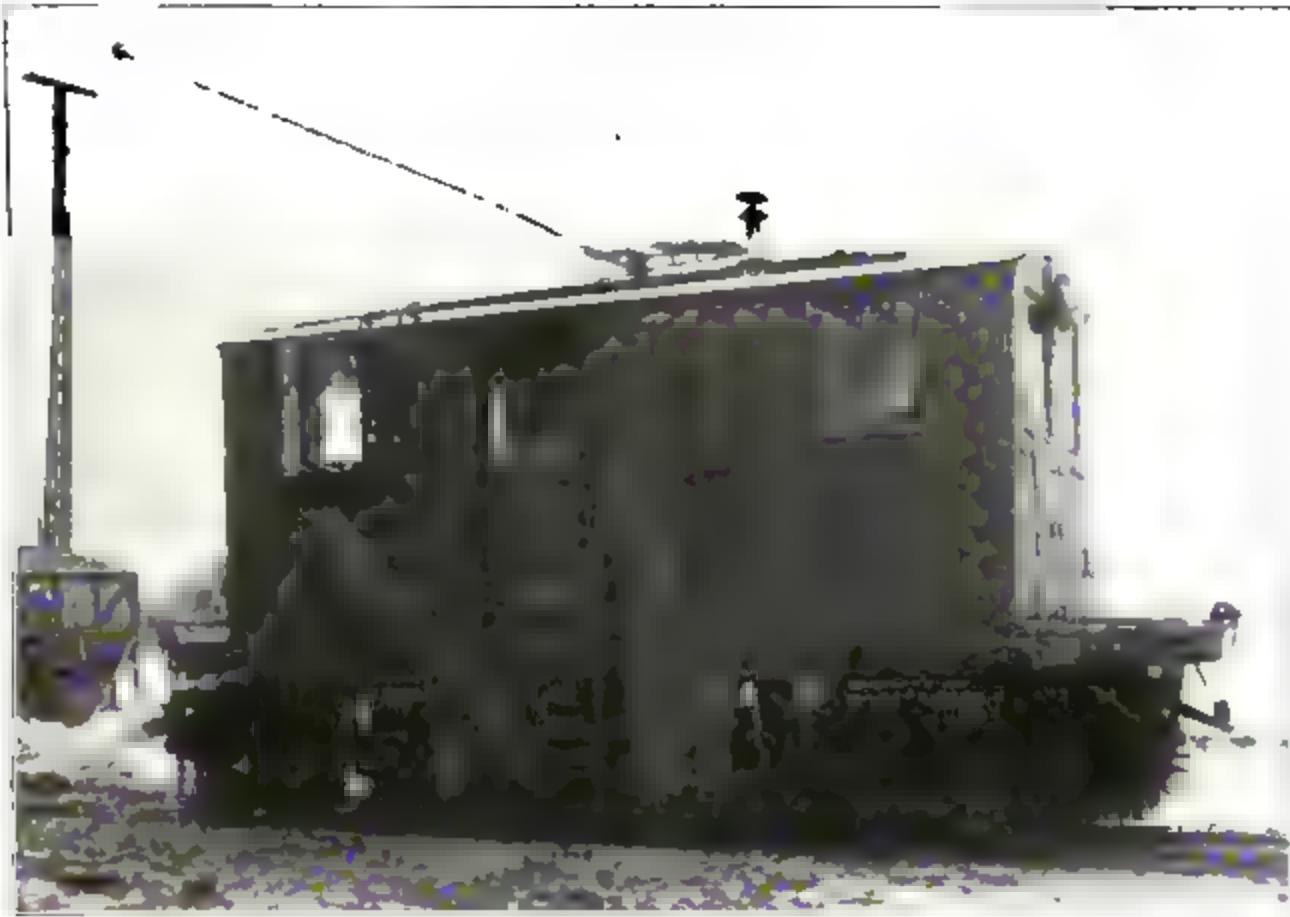
Sprinkler.



**Sprinkler.**



**Sprinkler.**



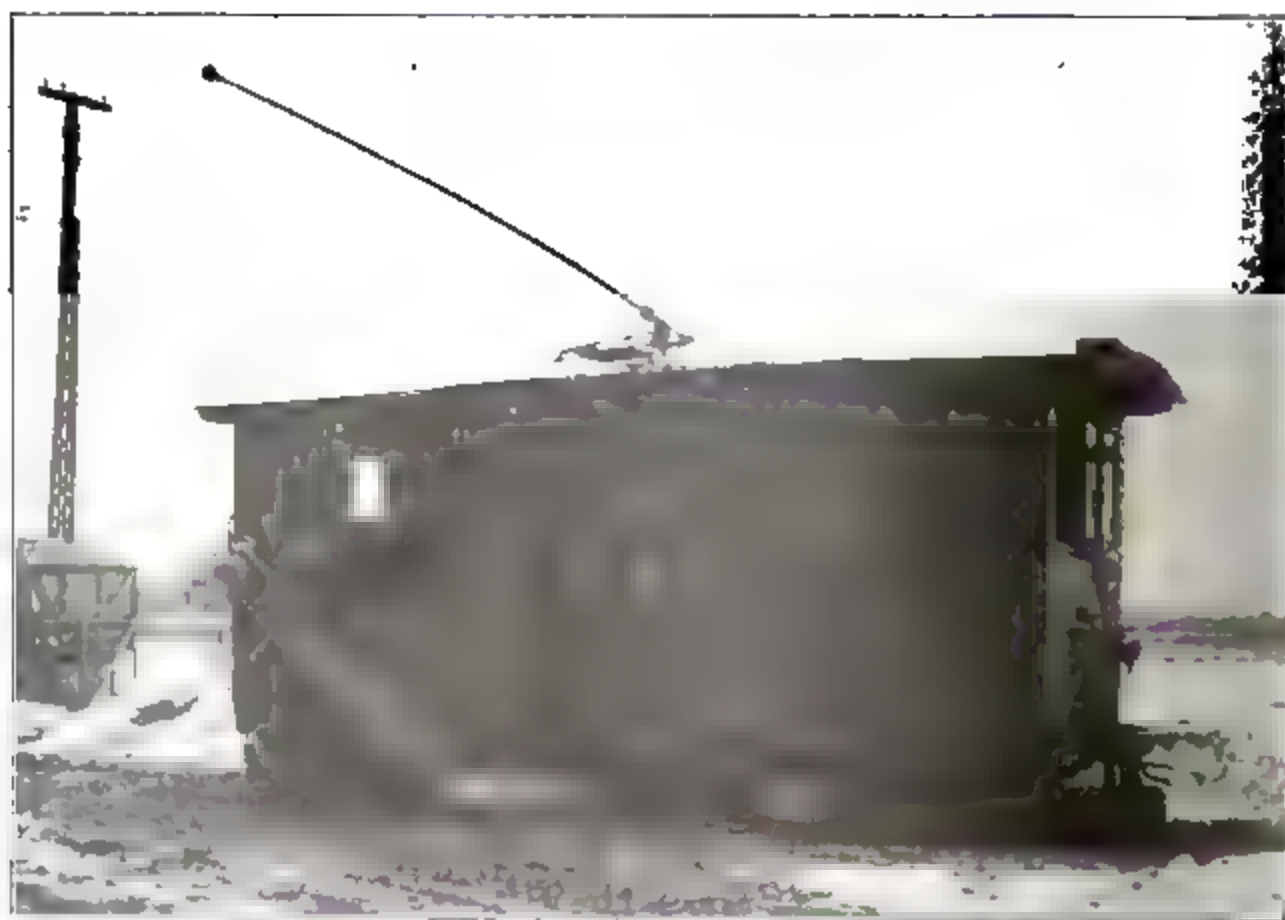
Sweeper.



Sweeper.

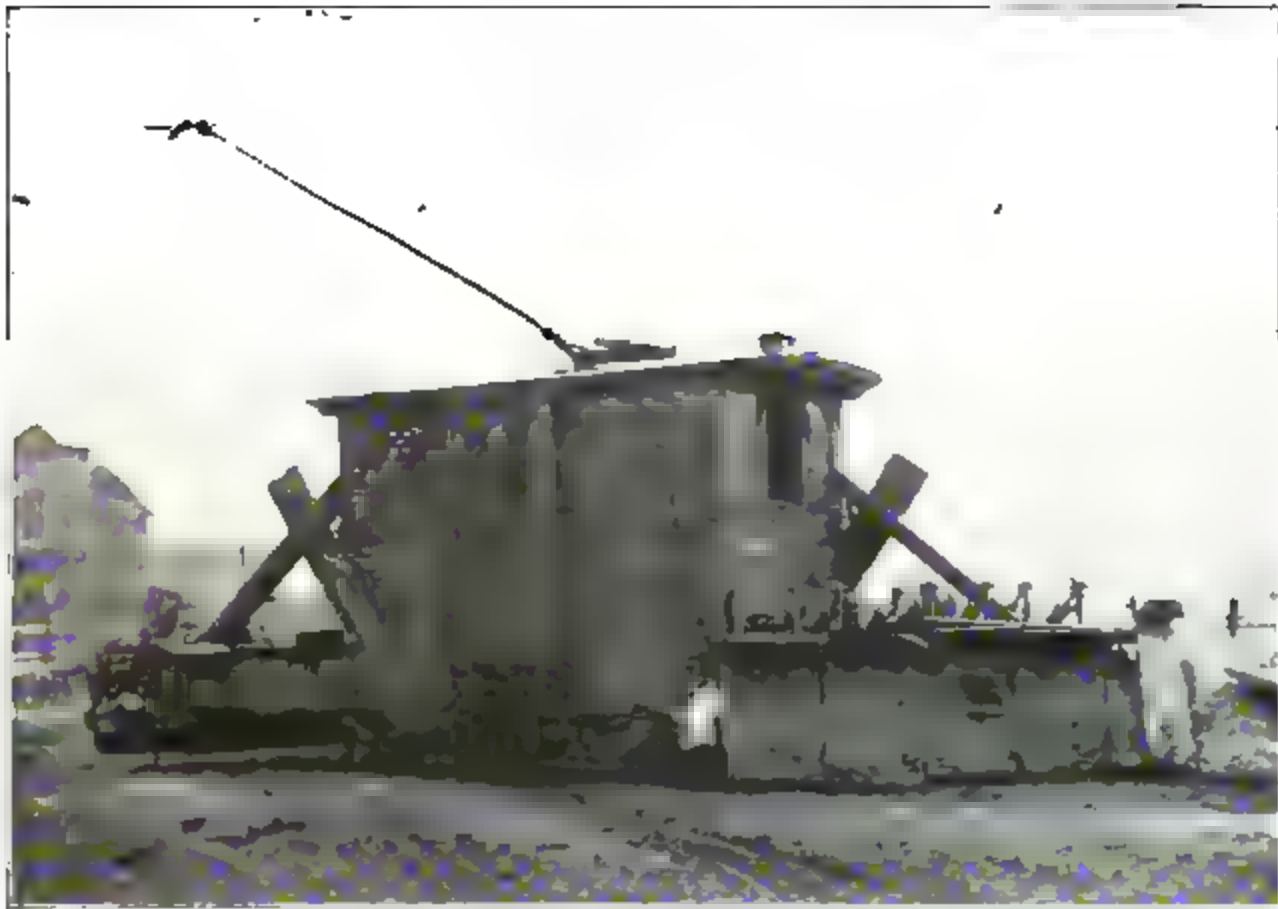


Double Truck Plow.



Drag Plow.

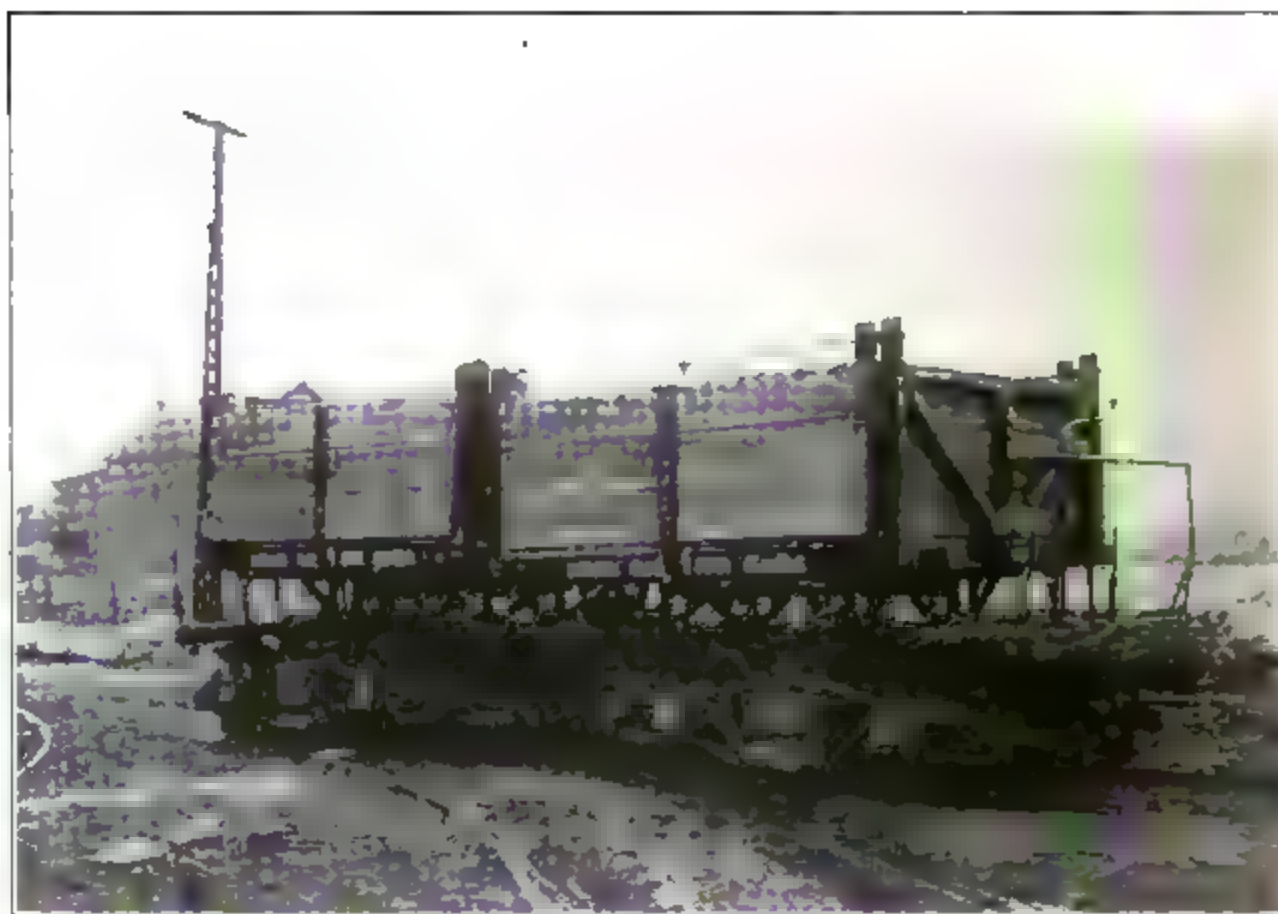




Single Truck Plow.



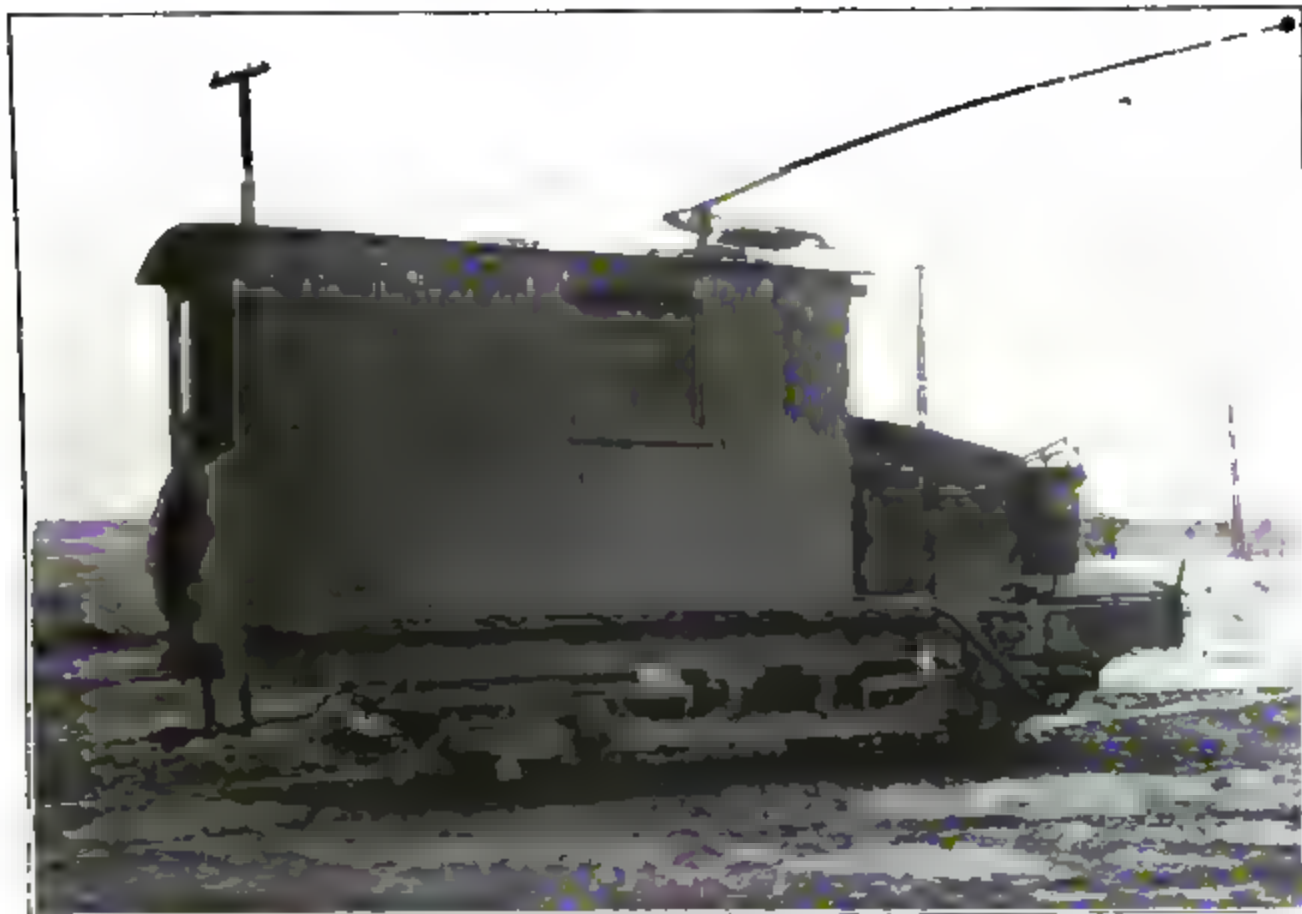
Track Digger.



Double Truck Dump Car.



Single Truck Dump Car.



Sand Blast Car.



Cupola Car.





Joint Grinder.

**EXHIBIT IV.**  
**POWER PLANT EQUIPMENT**



**EXHIBIT IV.****POWER PLANT EQUIPMENT.  
SUMMARY:**

	Cost New	Present Value.
Burnside plant.....	\$191,211.00	\$114,007.21
Substation at 63d St.....	10,358.43	9,646.26
Grand total.....	<b>\$201,569.43</b>	<b>\$123,653.47</b>

**POWER PLANT EQUIPMENT DEPRECIATIONS.**

The following annual rates for depreciation have been used as a basis of depreciating the power plant equipment. Apparatus has been depreciated at these rates down to 20% of its wearing value, the wearing value being determined by subtracting the scrap value from the cost new. All power plant equipment has been considered as worth 20% of its wearing value as long as it is in operating condition.

701	Machinery foundations.....	Note
702	Coal handling machinery.....	6%
	Ash handling machinery.....	10%
	Combined coal and ash handling machinery.....	8%
703	Grates and stokers.....	10%
704	Boilers and settings.....	3½%
705	Breechings and connections, brick.....	5%
	Breeching and connections, steel.....	10%
706	Stacks and draft equipment.....	7%
707	Heaters, superheaters and economizers.....	5% to 10%
708	Water softening plant.....	
709	Pumps .....	5%
710	Air compressors.....	5%
711	Engines, Corliss, low speed.....	3% to 5%
	Engines, automatic, high speed.....	5% to 10%
712	Condensers .....	5%
713	Piping and covering.....	3½%
714	Generators, compensators, transformers, etc.....	5% to 10%
	Modern direct connected generators.....	5%
	Belt driven generators.....	5% to 10%
715	Switchboards, generator leads.....	2% to 4%
	Miscellaneous items.....	5%

The fixed part of stokers depreciate very little and the moving parts and grates very rapidly. As the moving parts are renewed and maintained in good condition, all stokers in operation have been depreciated 25%. Machinery foundations have been depreciated at a percentage determined from the life of the apparatus supported.

**POWER PLANT EQUIPMENT.**

**Value of Power Plant Equipment Complete. Figured as Part of an Operating Electric Railway. Condition of Plant.**

The plant was first built in 1892, at which time there were installed five 200-h. p. Woods water tube boilers and four Ball cross compound engines said to have been belted each to a Ray dynamo. In 1897 three 250-h. p. Woods horizontal tubular boilers were added, which, together with those above mentioned, comprise the present boiler plant.

The Buckeye Corliss engine direct connected to the General Electric 500-kw. generator was installed during the latter part of 1896.

The year 1898 witnessed the displacement of the Ray dynamos with four Walker generators, together with alterations to the Ball engine wheels and bearings necessitated by this new installation, and there was also added an Armington & Sims engine belted to a Stanley 72-kw. alternator. The plant was further improved by the addition of condensing apparatus. The installation of a Cooper Corliss engine direct connected to a Westinghouse 500-k. w. generator completed the present operating power units in 1906. Electrically driven coal handling apparatus has recently been installed. The boilers are in ordinary operating condition. Allowable steam pressure 135 lb. High speed engines and generators in fair condition and slow speed units good. The pumps and piping are fair, and the wiring is in poor condition.

**DETAILS OF EQUIPMENT.****701 Machinery Foundations:**

These are constructed of stone, brick and concrete.

**702 Coal and Ash Handling Apparatus:**

This consists of link chain conveyors and elevator driven by railway motors.

**703 Grates and Stoker:**

U. S. Rocking Grate Company's hand shaking and hand fired. 297 sq. ft. grate area.

**704 Boilers and Settings:**

5 200-h. p. Woods horizontal water tube boilers.  
3 250-h. p. Woods horizontal water tube boilers.

**705 Breeching and Connections:**

Brick inside of building, steel connections between buildings and stacks.

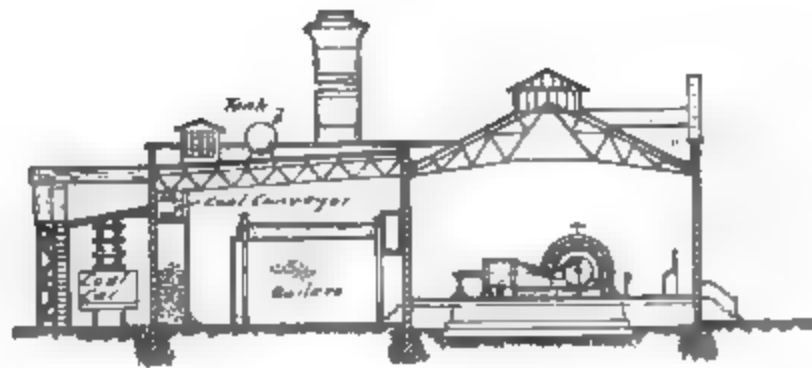
**706 Stacks and Draft Equipment:**

1 Self-supporting steel stack, 8 ft. diam., 175 ft. high, with fire-brick lining.  
1 guyed steel stack, 6 ft. diam., 111 ft high, with fire brick lining 51 ft. from base.

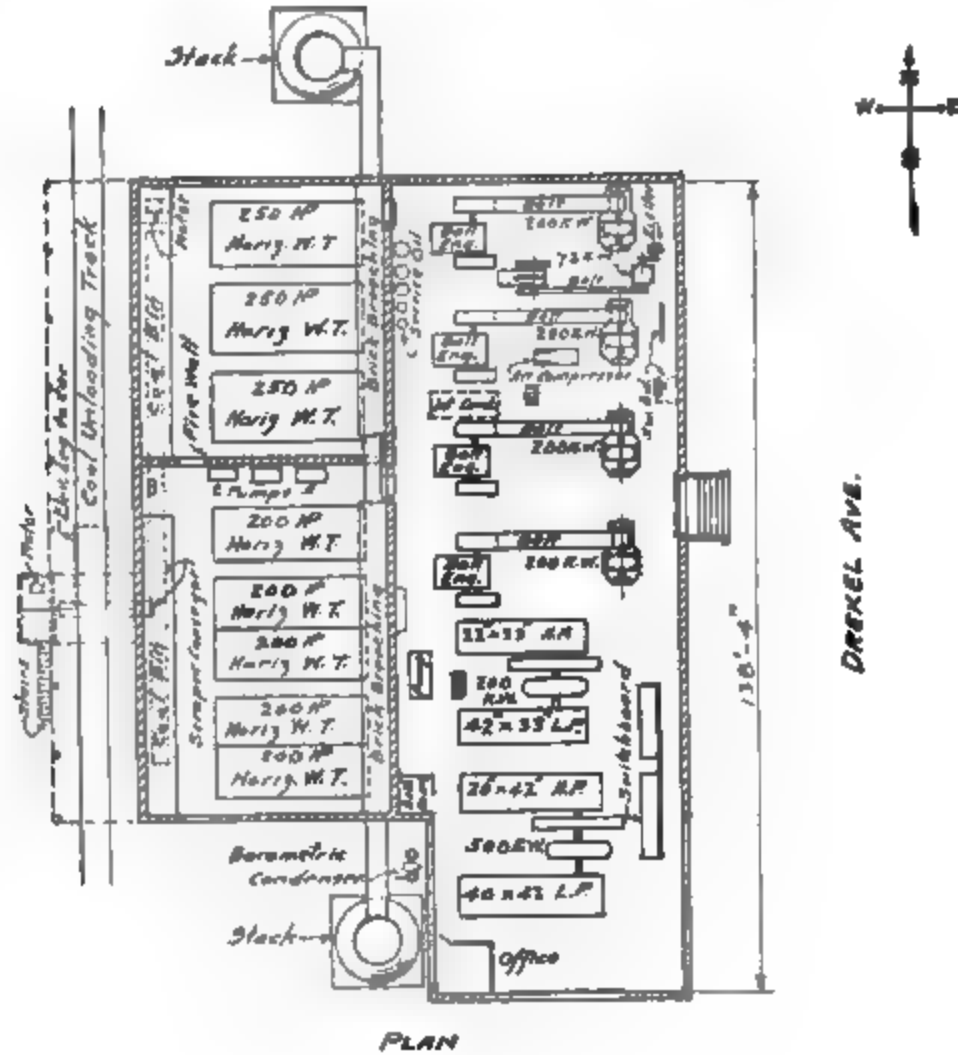
- 707 **Heaters and Economizers:**  
 1 1,000-h. p. Hoppes steel feed water heater.  
 1 1,000-h. p. Hoppes feed water purifier.
- 708 **Water Softening Plant:**  
 None.
- 709 **Pumps:**  
 1 12 in. x 15 in. x 15 in. Worthington duplex condenser pump.  
 2 12 in. x 7 in. x 12 in. Blake duplex boiler feed pumps.  
 1 10 in. x 6 in. x 12 in. Blake duplex boiler feed pumps  
 1 5½ in. x 8 in. Deming triplex power plunger pump  
 1 5 in. x 6 in. Deming triplex power plunger pump.  
 1 5 in. x 8 in. x 12 in. National simplex vacuum pump.  
 2 18 in. x 26 in. x 24 in. Deane simplex condenser pumps.  
 1 3 in. x 2 in. x 3 in. Deane duplex pump.  
 1 10 in. x 12 in. Kingsford centrifugal circulating pump.
- 710 **Air Compressors:**  
 1 10 in. x 10 in. x 10 in. Stilwell, Bierce & Smith-Vaile air compressor.
- 711 **Engines:**  
 1 20 in. x 40 in. x 42 in. C. & G. Cooper horizontal cross compound engine.  
 1 20 in. x 42 in. x 33 in. Buckeye horizontal cross compound engine.  
 4 15 in. x 26 in. x 16 in. Ball horizontal cross compound centre crank engines.  
 1 10 in. x 12 in. Armington and Sims horizontal simple engine.  
 1 4 in. x 4 in. x 4 in. Andrews and Johnson single acting engine.
- 712 **Condensers:**  
 1 Baragwanath barometric condenser.  
 1 jet condenser.  
 Atmospheric cooling tables and pond.
- 713 **Piping and Covering:**  
 Wrought iron and steel pipe, cast iron fittings, valves, etc.  
 Magnesia pipe covering.
- 714 **Generators, Transformers, Compensators, Etc.:**  
 1 500-k. w. Westinghouse direct connected direct current generator.  
 1 500-k. w. General Electric direct connected direct current generator.  
 4 250-k. w. Walker belted direct current generators.  
 1 72-k. w. Stanley belted rotating field alternator.  
 1 2-k. w. Crocker-Wheeler exciter.
- 715 **Switchboard and Generator Leads:**  
 Italian marble switchboard.  
 Various types and makes of instruments and switches.  
 Switchboard leads are rubber covered and weather proof.
- 716 **Miscellaneous:**  
 Leather belting, oil tanks, filters and miscellaneous instruments.

POWER PLANT EQUIPMENT

Equipment	% Depreciation.	Cost New.	Scrap Value	Cost New Less Scrap.	Depreciation.	Less Depreciation	Present Value.
Machinery foundations.....	5 yr.	\$ 7,944.40	\$ 13.93	\$ 7,930.47	\$ 4,101.81	\$ 3,828.66	\$ 3,842.59
Coal & Ash handling apparatus	6 yr.	3,471.05	176.25	3,294.80	494.22	2,800.58	2,976.83
Grates & stokers.....	25 total.	1,485.00	207.90	1,277.10	319.27	957.83	1,165.73
Boilers and settings. ....	4 yr.	31,075.00	1,410.00	29,665.00	15,187.70	14,477.30	15,887.30
Breeching and connections.....	70 total	1,872.75	139.95	1,732.80	1,212.96	519.84	659.79
Stacks and draft equipment....	5 yr.	11,026.00	356.00	10,670.00	5,971.10	4,698.90	5,054.90
Heaters and economizers.....	5 yr.	3,506.75	159.40	3,347.35	2,510.50	836.85	996.25
Pumps.....	5 yr.	6,801.00	495.60	6,305.40	2,421.97	3,883.43	4,379.03
Air compressors.....	4 yr.	600.00	32.20	567.80	181.70	386.10	418.30
Engines.....	3 & 5 yr.	42,250.00	2,510.10	39,739.90	12,887.12	26,852.78	29,362.88
Condensers.....	Several	5,577.00	48.00	5,529.00	834.05	4,694.95	4,742.95
Piping and covering.....	45 total	15,000.00	1,095.89	13,904.11	6,256.85	7,647.26	8,743.15
Generators, transformers, etc....	5 & 6 yr.	36,861.00	2,087.86	34,773.14	15,541.60	19,231.54	21,319.40
Switchboard & Generator leads	3 1/3 yr.	4,965.00	516.08	4,448.92	1,779.57	2,669.35	3,185.41
Misc., belts, oil tanks, & filters..	5 yr.	1,393.23	181.17	.1,212.04	484.82	727.24	908.41
Total.....		\$173,828.18	\$9,430.33	\$164,397.85	\$70,185.26	\$94,212.61	\$103,642.92
Organization, engineering and incidentals, 10%.....		17,382.82			7,018.53		10,364.29
Grand total.....		\$191,211.00	\$9,430.33	\$181,780.67	\$77,203.79	\$104,576.88	\$114,007.21

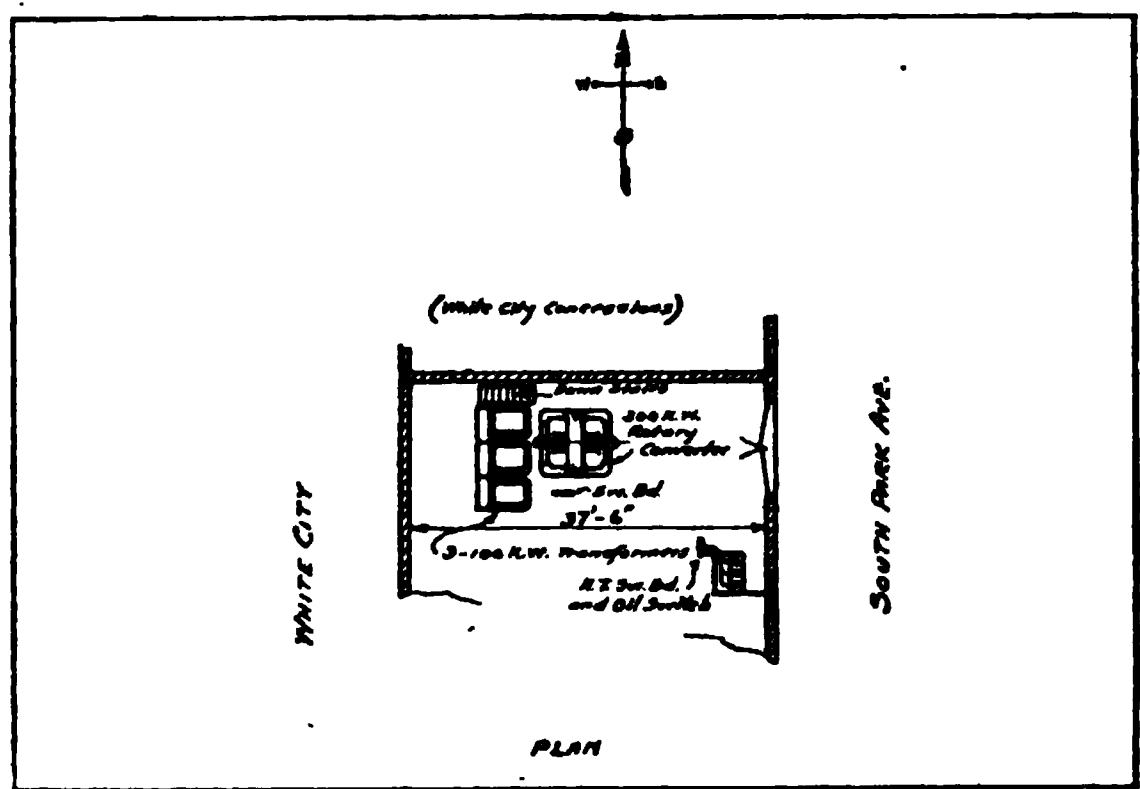


### SECTIONAL ELEVATION



**Power House  
of the  
Calumet Electric Street Railway Company.**





White City Substation.

VALUATION SUBSTATION EQUIPMENT.

63D ST. AND SOUTH PARK AVE.  
Figured as Part of an Operating Electric Railway.

This substation equipment is in excellent condition, having been installed in 1905 and subjected to fine maintenance. The equipment is installed in the White City substation of the Commonwealth Edison Company and consists of the following apparatus:

- 3 100-k. w. Westinghouse oil cooled transformers.
- 1 300-k. w. General Electric rotary convertor.
- 1 Black marble rotary switchboard complete with circuit breaker switches and instruments.
- 1 Oil switch on high tension circuit.

Necessary wiring connections.

The depreciation on this apparatus has been figured at 3% per year for 2 years and 6 months.

	Cost New	Scrap	Less Scrap	Depreciation	Less Depreciation	Present Value
Apparatus..	\$ 9,416.76	\$784.25	\$8,632.00	\$647.43	\$7,985.08	\$8,769.33
Plus 10%..	941.67			64.74		876.93
Totals..	<b>\$10,358.43</b>	\$784.25	\$9,574.18	\$712.17	\$8,862.01	<b>\$9,646.26</b>

**EXHIBIT V.**  
**TOOLS AND MACHINERY**



EXHIBIT V.

TOOLS AND MACHINERY.  
SUMMARY.

The following lists were furnished by the Calumet Electric Street Railway Company. They have been checked and found correct:

Fixed tools in barn and shop.....	\$3,565.16	
Fixed tools in armature room.....	538.11	
Fixed tools in machine shop.....	3,272.28	
Fixed tools in blacksmith shop.....	724.41	
Fixed tools in power plant.....	408.54	
Fixed tools in track and line department.....	330.00	
Total.....	\$8,838.50	\$ 8,838.50
Furniture and tools, terminal station.....	\$3,732.72	
Furniture and tools, 63d St. and South Park Avenue .....	88.50	
Furniture and tools in miscellaneous waiting rooms .....	455.50	
Total.....	\$4,276.72	4,276.72
Furniture and instruments in office building..		4,187.93
Furniture in trainmen's rooms.....		282.83
Total.....		<b>\$17,585.98</b>

## FIXED TOOLS IN BARN AND SHOP.

	Present Value
1 2' spindle wood shaper machine.....	\$ 146.25
1 Steptoe & McFarlane 44 in. swing machine lathe with attachments .....	399.10
1 100 ton Watson & Stillman wheel press.....	489.10
1 Bement & Dougherty horizontal boring mill, 5 ft. 6 in. bed, 31 in. swing.....	690.65
3 saw filing vises.....	2.47
4 air cylinders, 20 in. x 5 ft. 4 in.....	} 742.82
4 air cylinder bases, 2 in. x 4 ft.....	
1 Vulcan double emery wheel stand.....	18.75
1 shear for cutting iron.....	120.00
elevated track in machine and armature room for carrying armatures . . . . .	62.60
8 line shop iron hangers, 24 in.....	20.22
2 line shop wood hangers, 24 in.....	2.62
1 40 in. iron pulley, 5 in. face.....	5.00
2 36 in. wood pulleys, 12 in. face.....	14.40
1 18 in. wood pulley, 12 in. face.....	2.70
1 10 in. iron pulley, 9 in. face.....	1.80
3 pair 2 in. shaft couplings.....	13.50
1 16 in. wood pulley, 12 in. face .....	1.81
1 36 in. iron pulley, 6 in. face.....	5.76
1 14 in. wood pulley, 14 in. face.....	2.37
1 24 in. iron pulley, 6 in. face.....	2.20
1 belt, double ply, 3 in. wide, 22 ft. long.....	7.04
1 belt, double ply, 42 in. wide, 30 in. long.....	12.72
1 belt, double ply, 3½ in. wide, 26 ft. long.....	9.78
1 belt, double ply, 3½ in. wide, 32 ft. long.....	12.03
1 belt, double ply, 3 in. wide, 22 ft. long.....	6.64
1 belt, double ply, 4 in. wide, 28 ft. long.....	11.87
1 belt, double ply, 6 in. wide, 30 ft. long.....	19.20
1 belt, double ply, 4 in. wide, 24 ft. long.....	10.17
1 belt, double ply, 4 in. wide, 22 ft. long.....	9.32
1 belt, double ply, 4 in. wide, 20 ft. long.....	8.40
1 belt, double ply, 4 in. wide, 20 ft. long.....	8.48
1 belt, double ply, 4 in. wide, 28 ft. long.....	11.87
1 line shaft, 2 in. x 84 ft. long, 898 lb. ....	23.59
1 6 in. iron pulley, 9 in. face.....	.99
1 belt, double ply, 6 in. wide, 26 ft. long.....	20.80
1 counter shaft for shear, 1½ in. x 4 ft. 6 in., 27 lb. ....	.64
1 11 in. hanger.....	1.40
2 10 in. wood pulleys, 12 in face.....	3.24
1 belt shifter, 5/8 in. x 6 ft. long.....	3.00
1 6 in. jaw iron vise.....	13.12
1 vise bench.....	1.12
1 pipe vise . . . . .	1.57
1 rip saw table complete with counter.....	56.25
3 circular saws, 14 in.....	4.50
3 ¾ in. band saws, 10 ft. 6 in.....	7.87
1 ¾ in. band saw, 10 ft. 6 in.....	1.45
1 Yerkes & Tina band saw frame complete.....	97.50
6 wall swing cranes.....	54.00
2 3 ton chain blocks.....	84.00
1 12 in. tinner's side stake.....	.90
1 2½ in. x 3 in. x 1¼ in. tinner's square stake.....	.90
1 brass oil pump.....	.93
1 work bench, 4 ft. x 12 ft. long.....	6.21

Fixed Tools in Barn and Shop—Continued.

	Present Value.
6 air jack hoists with hose attachments.....	\$ 294.00
2 emery wheels, 2½ in. x. 12 in.....	12.54
2 buffing wheels.....	3.00
Total .....	<u>\$3,565.16</u>

FIXED TOOLS FOR ARMATURE ROOM.

1 Wheeler & Wilson sewing machine.....	\$ 15.00
2 work benches.....	6.71
1 stove stand.....	1.12
1 gasoline stove (White).....	6.00
1 tool cupboard.....	16.75
2 armature racks.....	1.12
1 bench—wood . . . . .	5.11
1 6 in. vise.....	10.80
1 Detroit field wire re-taping machine.....	184.72
1 wire tension machine.....	11.25
1 wire reel holder.....	3.75
1 field winding machine.....	60.00
1 3 in. x 7 ft. 2 ply belt.....	1.12
1 3 in. x 28 ft. 2 ply belt.....	4.48
1 swing saw and frame for commutators.....	27.00
1 2 in. x 24 ft. 2 ply belt.....	3.26
1 Lodge & Davis swing wood turning lathe, 5 ft.....	48.75
1 2 in. x 24 ft. 2 ply belt.....	3.26
1 3 in. x 10 ft. 2 ply belt.....	1.60
1 Universal chuck—outside drawers.....	15.50
5 12-in. mandrels for milling saws, ¾ in. hole.....	4.68
1 shaft, 2 in. x 20 ft.....	2.53
3 ball and socket hangers, 24 in. drop, 2 shaft.....	9.20
1 split wood pulley, 13 in. x 7 in. . . . .	.99
2 2 in. collars.....	.60
1 steel faced split pulley, 12 in. x 10 in.....	1.60
1 steel faced loose pulley, 12 in. x 7 in.....	1.26
1 wood faced split pulley, 10 in. x 8 in.....	.90
1 field testing—New Century.....	45.00
1 banding machine . . . . .	6.00
1 bench vise, 3½ in.....	3.43
1 14 in. pulley, 7 in. face, iron . . . . .	1.75
1 jig for making contacts.....	3.37
1 device for pulling W. P. 50 commutators.....	9.75
1 device for pulling 52 grease collars.....	9.75
1 brass 800 coil former.....	10.00
Total. . . . .	<u>\$ 538.11</u>

FIXED TOOLS IN MACHINE SHOP.

1 3¼ in. bench vise.....	} \$ 23.06
2 4 in., 1 3¼ in., 1 4½ in., 1 5½ in. bench vises.....	
2 5 in. bench vises.....	
1 jib crane for lathe use.....	5.25
2 wood horses and rollers to support jobs on drill press.....	3.72
9 cast iron pocket shaft hangers, 24 in.....	27.67
60 ft. 2½ in. shafting.....	30.00
2 flange couplings, 2½ in.....	12.20
44 ft. 4 in. belting.....	27.00
22 ft. 3½ in. belting.....	6.16

Fixed Tools in Machine Shop—Continued.

	Present Value
3 shaft collars .....	\$ .60
2 18 in. x 5 in. face wood split pulleys.....	3.12
2 15 in. x 12 in. face wood split pulleys.....	4.38
1 15 in. x 9 in. face cast iron split pulley.....	2.52
1 15 in. x 4 in. face wood split pulley.....	.97
1 14 in. x 5 in. face wood split pulley.....	1.20
1 5½ in. x 5 in. face wood split pulley.....	.77
1 38 in. x 7¼ in. cast iron split pulley.....	6.03
1 W. P. 30 motor running blast fan.....	338.00
2 Ray 40 motors running machine in shop.....	900.00
1 Ford-Washburn 10 H. P. motor.....	280.00
1 work bench, 2 ft. x. 12 ft.....	6.00
1 work bench, 2 ft. x 8 ft.....	4.78
1 work bench, 3 ft. x 8 ft.....	4.50
5 tool cupboards.....	7.50
1 grindstone complete.....	11.25
1 24 in. x 72 ft. 2 in. F. E. Reed engine lathe with complete set of gears .....	900.00
1 18 in. 4 jaw combination chuck.....	
1 turret head attachment for bed of lathe.....	
3 clamps to hold split bearings.....	.90
1 jig bushing to hold 4¾ in. odd size bearing.....	1.10
6 lathe dogs, 1¼ in. x 4½ in.....	3.15
1 20 in. Lodge and Davis shaper.....	281.25
1 12 in. Jarecki combination bolt and pipe threading and cutting- off machine.....	112.50
1 emery wheel stand with 2 pulley counter shaft.....	18.75
1 upright Prentiss Bros. drill press with reverse friction drive pulleys and speed gear attachment.....	150.00
52 ft. 2 in. belting.....	11.52
26 ft. 3½ in. double belting.....	6.34
9 ft. 2¾ in. double belting.....	2.42
22 ft. 3½ in. double belting.....	7.62
28 ft. 4 in. double belting.....	11.11
26 ft. 2¼ in. double belting.....	6.13
56 ft. 2½ in. double belting.....	13.53
26 ft. 2¾ in. double belting.....	6.99
46 ft. 7 in. double belting.....	32.29
Total .....	\$3,272.28

FIXED TOOLS IN BLACKSMITH SHOP.

2 anvils, 646 lb. ....	\$ 43.60
2 forges .....	24.00
1 vise, 7 in. iron.....	12.60
1 furnace .....	18.75
1 2,500 lb. crane.....	52.91
1 heating stove.....	9.00
1 ton chain block.....	10.50
1 power hammer complete.....	432.50
1 foundation for same.....	
1 angling box .....	2.62
1 vise bench .....	2.84
1 blower complete.....	50.25
1 line shaft, 2¾ in. x 6 ft. long.....	2.70
1 driving iron pulley, 36 in. 6 ft. face.....	5.76
1 16 in. wood pulley, 13 in. face.....	2.55

Fixed Tools in Blacksmith Shop—Continued.

	Present Value.
1 punching machine (hand).....	\$ 10.65
1 24 in. iron pulley, 9 in. face.....	3.06
1 24 in. pulley, 5 in. face.....	2.06
1 6 in. pulley, 6½ in. face.....	.84
1 countershaft, 1½ in. x 4 ft. 6 in. long.....	.75
1 5 in. belt, double ply, 24 ft. long.....	6.37
1 4½ in. belt, double ply, 16 ft. long.....	3.84
1 5 in. belt, double ply, 32 ft. long.....	8.44
1 7 in. pulley, 7 in. face.....	1.28
1 shaft, 1½ in. x 6 ft. long.....	1.00
1 8 in. pulley, 4½ in. face.....	1.00
1 15 in. pulley, 3¼ in. face.....	1.28
1 1½ in. mall. bearing, 4½ in. long.....	1.26
1 slotting punch.....	12.00
Total .....	\$ 724.41

FIXED TOOLS IN POWER PLANT.

1 15 in. 5 ft. Blaisdell lathe.....	\$ 202.50
1 9 in. lathe chuck for above.....	17.50
3 work benches.....	15.72
1 No. 2 M iron pipe vise.....	9.57
1 Parker 5½ in. iron vise.....	11.25
1 Forbes pipe threading machine.....	152.00
Total .....	\$ 408.54

FIXED TOOLS IN TRACK AND LINE DEPARTMENT.

1 pig iron breaker and foundation.....	\$ 90.00
1 50 in. cold friction rail saw complete.....	200.00
1 32 in. x 44 in. blue print frame . . .	35.00
1 32 in. x 44 in. blue print wash pan.....	5.00
Total .....	\$ 330.00

Total for fixed tools.....\$8,838.50

FURNITURE AND TOOLS IN TERMINAL STATION.  
SIXTY-THIRD ST. AND STONY ISLAND AVE.

Ante Room.

33 cast iron wardrobe hooks.....	\$ 1.08
15 wire wardrobe hooks.....	.45
1 12 ft. 6 in. seven arm light oak settee.....	25.00
2 30 in. x 72 in. window shades with fixtures.....	2.00
7 30 in. round top light oak folding tables.....	17.50
1 20 in. nickel plated towel rack and roller.....	.75
1 16 in. x 26 in. mirror.....	2.00
1 24 in. x 81 in. x 96 in. locker, oak.....	27.00
1 66 in. x 120 in. x 150 in. locker.....	40.00
1 24 in. x 66 in. x 72 in. locker.....	25.00
1 24 in. x 66 in. x 102 in. locker.....	26.50
1 20 in. x 48 in. x 102 in. locker.....	25.00
1 28 in. x 42 in. maple kitchen table.....	1.75
1 6 in. nickel plated toilet paper holder.....	.60
1 24 in. x 42 in. manilla foot mat.....	2.00



# 352 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Ante Room—Continued.

	Present Value.
48 12 in. x 18 in. flags.....	\$ 7.20
1 cake hand sapolio.....	.05
1 feather duster .....	.95
3 14 qt. wooden pails.....	1.44
1 18 in. floor brush.....	2.27
6 brass padlocks .....	3.00
1 5 step 24 in. locker style.....	5.00
2 bushel baskets .....	.60
2 market baskets .....	.20
1 18 in. x 36 in. folding card table, oak.....	2.25
8 ft. 2 in. gal. pipe.....	.80
17 cherry finish folding chairs.....	29.75
1 magic lantern .....	3.00
1 water glass .....	.10
30 ft. hose .....	3.00
1 8 in. bristle window brush.....	.27
1 sponge .....	.40
108 wire wardrobe hooks.....	3.24
2 16 qt. galv. water pail.....	.80
1 12 qt. granite water pail.....	.20
3 folding chair seats.....	6.00
6 hasps and staples on lockers.....	.90
1 10 in. x 40 in. picture frame with glass.....	.20
1 12 in. x 30 in. picture frame with glass.....	.30
1 8 ft. x 10 ft. x 12 ft. canopy awning.....	10.00
1 50 ft. x 100 ft. floor canvas for dance hall.....	60.00
1 8 in. scrub brush with handle.....	.27
1 8 in. x 10 in. sandpaper floor cleaner.....	2.00
1 mop wringer .....	1.30
2 14 qt. wood pails.....	.70
2 bushel baskets .....	.60
2 bu. sawdust .....	.10
1 mop and handle.....	.22
1 8 ft. step ladder.....	1.25

## Lodge Hall.

1 18 ft. x 20 ft. Wilton velvet rug.....	100.00
2 24 in. x 42 in. manilla foot mats.....	4.00
36 leather covered upholstered iron frame chairs.....	160.00
6 leather covered arm high back officer lodge chairs, black oak..	130.00
2 leather seat spring back swing chairs.....	12.00
6 wood folding chairs, cherry.....	10.50
2 30 in. x 36 in. flat top writing desks, black oak.....	36.00
4 pedestals, 12 in. x 12 in. x 36 in., black oak.....	48.00
1 26 in. x 34 in. x 38 in. lodge altar, upholstered top, black oak...	60.00
6 9 in. nickel plated cuspidors.....	9.00
8 30 in. x 84 in window shades with fixtures.....	12.00
1 nickel plated speaking tube.....	1.00
1 black oak No. 91146 Kimball upright piano.....	200.00
3 110 V. A. C. Dayton fan motors with case and 18 in. fans and guards . . .	48.00
1 10 ft. x 12 ft. canvas for views with roller and fixtures.....	7.50
50 ft. curtain cord.....	1.00
2 12 in. x 12 in. fan shelves.....	1.00
2 iron shelf brackets, 8 in. x 12 in.....	1.00

Reception Hall.

	Present Value.
1 12 in. x 12 in. oak picture frame and glass.....	\$ .20
1 24 in. x 36 in. solid oak table.....	6.00
2 cherry folding chairs.....	4.00
1 30 in. x 60 in rubber floor mat.....	3.80
1 48 in. x 96 in. hall rug.....	5.50
1 48 in. x 48 in. hall carpet.....	14.00
1 12 in. pressed paper cuspidor.....	.30
1 japanned "Exit" sign.....	.90
2 16 qt. granite iron water pails.....	.80
1 26 gal. tank, enamel lined oak covered, brass hooks, 2 nickel plated faucets .....	30.00
2 ½ pt. drinking cups.....	.10
2 36 in. x 84 in. window shades and fixtures.....	2.50
1 26 in. x 38 in. steel frame illuminated hall sign.....	7.40
2 24 in. x 36 in. wood hall signs, painted.....	1.60
1 26 in. x 26 in. top oak table.....	6.50

Dance Hall, Kitchen and Balcony.

1 No. 499 Jewel gas stove, 4 burner and broiler.....	15.00
4 joints 4 in. Russia iron stove pipe.....	.80
5 4 in. Russia iron elbows.....	1.00
1 28 in. x 72 in. top poplar table.....	2.75
1 30 in. rd. top solid oak folding table.....	4.00
2 30 in. x 48 in. extra poplar panel doors.....	5.50
11 table horses .....	6.60
2 36 in. x 96 in. poplar table tops.....	2.00
1 28 in. x 64 in. galv. iron lined drip pan 4 in. deep.....	2.80
1 10 in. wooden faucet.....	.15
3 1 in. x 6 in. x 10 ft. pine boards, new.....	.90
67 cherry folding chairs.....	117.25
2 8 in. x 20 in. japanned "Exit" signs.....	1.60
5 folding chair castings in attic.....	.60
2 3 in. screw hooks.....	.10
1 common oak dining room chair.....	.75
1 28 in. x 40 in. maple top 1 drawer table.....	4.00
1 10 in. nickel plated cuspidor.....	.60
1 24 in. x 36 in. window curtain and fixtures.....	1.00
90 1½ in. screw hooks.....	2.70
13 brass wardrobe hooks.....	.65
10 japanned wardrobe hooks.....	.30

Ladies' Check Room.

1 solid oak plush seat dining room chair.....	3.00
1 4 legged stool, rattan seat, 33 in.....	5.00
1 solid oak dining room chair.....	3.00
1 24 in. x 36 in. window curtain and fixtures.....	1.00
17 brass wardrobe hooks.....	.80
1 ½ gal. water pitcher.....	.55
1 water glass .....	.10
1 wax grater .....	.15
3 ¾ in. x 2½ in. lag screws.....	.03

Ticket Office.

1 18 in. x 84 in. window shade and fixtures.....	1.25
1 8 in. plush brush.....	.27
2 push broom handles.....	.14
3 floor sponges .....	.90
3 feather dusters with handles.....	2.79

## Ticket Office—Continued.

		Present Value.
7	rubber water faucet valves.....	\$ .70
1	door lock, loose.....	1.00
18	¼ in. x 2½ in. stove bolts.....	.18
2	12 in. rubber window scrapers.....	.60
1	brass water key .....	.80
2	brass door locks, loose.....	1.50
1	6 in. 3 cornered file.....	.10
24	¼ in. x 1 in. nickel plated stove bolts.....	.36
2	screen doors, spring casting, loose.....	.40
3	1 in. unions, loose.....	.21
3	½ in. x 1 in. nickel plated stove bolts.....	.05
2	⅜ in. x 3 in. eyelets.....	.02
12	pins for screen door hinges.....	1.20
1	12 in. hack saw blade.....	.22
1	100 lb. sugar bag.....	.15
23	cherry folding chairs.....	40.25
1	7 in. x 72 in. shelf.....	.70
2	12 in. x 48 in. shelf.....	.60
1	18 in. floor brush .....	2.27
1	dust pan .....	.10
1	dust brush .....	.30
1	5 gal. wood pail.....	.70
2	8 in. x 2 in. japanned "Exit" signs.....	1.20

## Ladies' Reception and Toilet Rooms.

1	40 in. x 62 in. beveled glass mirror in solid oak, 56 in. x 90 in. mantle frame with shelf.....	65.00
1	28 in. x 42 in. solid oak frame mirror.....	8.00
2	solid oak upholstered seats and backs, leather covered davenport, 6ft. x 2 ft.....	50.00
3	cherry folding chairs.....	5.25
1	hair brush .....	.75
1	7 in. aluminum comb.....	.25
6	ft. brass chain.....	.60
1	20 in. nickel plated towel rack.....	.40
1	nickel plated toilet paper holder.....	.60

## Gents' Reception and Toilet Rooms.

1	40 in. x 62 in. beveled glass mirror, solid oak, 56 in. x 90 in. mantle frame with shelf.....	65.00
1	28 in. x 42 in. solid oak frame mirror.....	8.00
7	7 in. x 10 in. solid oak picture frames (sandpaper).....	1.75
2	7 in. nickel plated cuspidors.....	.80
1	12 in. pressed paper cuspidor.....	.40
1	3 in. x 40 in. notice sign.....	.90
9	cherry finish folding chairs.....	15.75
1	21 in. x 27 in. oak frame mirror.....	2.00
1	20 in. nickel plated towel rack on oak base.....	.40
1	nickel plated toilet paper holder.....	.60

## Dance Hall.

7	solid oak brace seat dining room chairs.....	21.00
1	common dining room chair.....	.75
1	No. 48158 Hallett & Davis mahogany upright piano for hall use .....	185.00
2	9 ft. x 12 ft. Crex rugs.....	22.00
1	26 in. x 10 in. hall carpet, Brussels.....	2.70
1	piano cover .....	1.85
414	cherry folding opera chairs.....	724.50

Dance Hall—Continued.

		Present Value.
1	8 in. galv. double rope anchor.....	\$ .60
1	fireman's axe .....	1.50
2	14 qt. oval bottom pulp fire buckets.....	.68
1	52 gal. fire water barrel.....	1.45
1	20 in. fire water barrel cover.....	.25
1	14 ft. fire pike pole .....	1.40
2	12 in. wood rope anchors.....	.40
1	12 in. pressed paper cuspidor .....	.25
2	28 in. x 48 in. wood frames with canvas for air shaft register..	1.20
4	18 in. x 30 in. wood frames with canvas for air shaft register..	2.40
2	28 in. x 30 in. wood frames with canvas for air shaft register..	1.20
300	ft. ¼ in. manilla rope for skylights.....	3.07
2	2 in. iron rings.....	.10
3	8 in. x 20 in. japanned "Exit" signs.....	2.40
2	coffee sacks .....	.20
1	18 in. hair floor push broom and handle.....	2.27
1	28 in. canvas covered floor cleaner and handle.....	.38
1	extra 4½ in. butt door hinge.....	.12
1	8 in. x 14 in. dance floor sandpaper surfacer.....	3.00
1	piece 12 in. x 36 in. galv. iron.....	.38

Hallway to Elevated Road.

1	Automatic train signal trip.....	5.00
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Stairway Waiting Room to Elevated Road.

1	4 in. x 10 in. japanned "push" sign.....	.60
1	2 in. hook and eye.....	.02
5	30 in. x 84 in. window shades and fixtures.....	6.25
1	12 in. x 22 in. x 30 in. illuminated hall sign, steel and supports.	15.50

Waiting Room.

1	14 seat double settee, solid oak, 14 ft. long, with arms.....	65.00
2	12 in. pressed paper cuspidors.....	.40
1	32 in. x 36 in. solid oak picture frame and glass.....	1.50
1	28 in. x 32 in. map of system.....	1.00
2	9 in. x 11 in. solid oak picture frames and glass.....	.25
1	12 in. x 16 in. solid oak picture frames and glass.....	.60
1	7 in. x 14 in. solid oak picture frames and glass.....	.20
100	ft. D. B. R. C. lamp cord.....	3.00
1	brass padlock .....	.50
4	1 in. x 12 in. x 36 in. shelves, painted.....	6.50
2	1 in. x 12 in. x 60 in. shelves, painted.....	
6	1 in. x 4 in. x 30 in. shelves, painted.....	
2	1 in. x 4 in. x 84 in. shelves, painted.....	
1	wire gas lamp guard.....	.40
2	3 in. wardrobe hooks.....	.10
6	1½ in. wood screws.....	.04
4	4 in. x 10 in. japanned "Exit" signs.....	1.00
1	18 in. x 30 in. wood painted sign.....	3.00
1	20 ft. counter.....	75.00

Drug Store.

3	10 ft. x 10 ft. window shades and fixtures.....	37.50
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Cigar Store.

1	8 ft. x 8 ft. window shade and fixtures.....	5.75
1	30 in. x 84 in. window shade and fixtures.....	.87

# 356 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

	Present Value.
<b>Restaurant.</b>	
4 6 ft. window shades and fixtures.....	\$ 11.04
<b>Laundry Room.</b>	
4 6 ft. x 10 ft. window shades and fixtures.....	14.80
1 36 in x 84 in. window shade and fixtures.....	.87
<b>Store Room.</b>	
2 6 ft. window shades and fixtures.....	5.52
1 10 in. x 36 in. shelf and bracket.....	.75
<b>Loop in Building.</b>	
1 rattan push broom .....	.47
2 18 in. hair floor push brooms.....	4.54
1 36 in. wood snow scraper.....	.25
1 feather duster .....	.95
1 No. 2 shovel.....	.45
1 52 gal. oil barrel.....	1.25
1 2 ft. x 2 ft. x 3 ft. tool box with cover.....	6.00
1 17 ft. ladder.....	2.58
1 10 ft. ladder.....	1.40
1 15 ft. ladder.....	2.25
1 1 ft. x 8 ft. painted sign.....	2.50
1 18 in. x 32 in. painted sign.....	2.00
1 24 in. x 62 in painted sign.....	1.90
2 4 in. x 16 in. japanned signs.....	1.20
1 6 in. x 24 in. painted sign.....	.40
2 6 in. x 36 in. painted signs.....	.80
1 12 in. x 24 in. painted sign.....	.50
1 3 ft. x 14 ft. galv. iron sash receiver.....	4.00
1 42 in. x 96 in. screen door.....	3.00
2 Yale padlocks on gates.....	1.00
6 ft. 5/8 in. chain.....	.33
1 15 in. hair push floor brush.....	2.00
2 cotton mops .....	.30
<b>Toilet Rooms—Loop.</b>	
2 West metallic disinfectors.....	1.50
1 nickel plated toilet paper holder.....	.60
2 18 in. x 24 in. corner paper receivers.....	2.00
<b>Boiler Room.</b>	
1 12 in. x 14 in. picture frame with glass.....	.50
1 18 in. x 24 in. painted wood sign.....	.60
1 9 in. x 12 in. x 30 in. locker.....	2.00
1 garden hoe .....	.35
1 mop .....	.15
1 lantern .....	.25
1 16 ft. ladder.....	2.40
1 1 pt. tin oil can .....	.40
1 lineman's shovel .....	.60
1 1/2 gal. oil can.....	.60
1 piece 26 in. x 72 in. galv. iron.....	1.72
1 3 in. x 36 in. x 42 in. galv. iron drip pan.....	6.25
1 5 gal. wood covered oil can.....	.50
3 16 qt. galv. iron pails.....	1.20
1 36 in. x 48 in. window screen and frame.....	.87
1 16 qt. wood pail.....	.30

Boiler Room—Continued.

	Present Value.
2 12 ft. 2 in. pipe fire pokers.....	\$ 1.60
1 5/8 in. x 9 ft. poker .....	.75
2 5/8 in. x 9 ft. hoe scraper.....	3.50
1 5/8 in. x 20 ft. pipe scraper.....	2.25
1 flue cleaner .....	3.00
1 1 1/2 in. x 8 ft. fire poker.....	.75
1 No. 5 coal shovel .....	.50
2 No. 7 scoop shovels.....	1.30
1 12 in. x 14 ft. bench.....	3.30
2 spike mauls .....	.90
1 track chisel .....	.45
1 18 in. hair floor brush.....	2.27
1 wooden frame wheelbarrow.....	1.00
1 3 gal. mop pail and wringer.....	1.95
13 6 in. joints, Russian iron stove pipe.....	3.90
7 6 in. elbows, Russian iron stove pipe.....	2.10
1 24 in. round sand sieve.....	.50
1 26 gal. galv. oil tank.....	3.00
50 ft. wire wrapped rubber garden hose.....	9.50
1 fire hose spanner.....	.70
1 fire socket wrench.....	.60
2 corn, house brooms.....	.70

Basement.

1 15 in monkey wrench.....	\$ .90
1 3/4 in. socket wrench.....	.80
1 5/8 in. socket wrench.....	.75
1 1/4 in. socket wrench.....	.60
1 1 1/2 in. socket wrench.....	1.25
1 12 in. socket wrench.....	.55
1 15 in. screw driver.....	.25
1 pr. 7 in. scissors.....	.43
1 16 in. round file.....	.51
1 16 in. half round file.....	.51
2 14 in. half round file.....	.37
1 12 in. 1/4 round file.....	.30
1 1/2 in. air valve wrench.....	.23
1 12 in. packing flat tool.....	.18
1 12 in. packing hook.....	.15
1 1 1/2 in. x 22 in. x 48 in. tool rack.....	1.00
6 ft. 100 amp. fuse wire.....	.06
3 6 amp. non-arc fuses.....	.57
1 8 in. x 14 in. galv. oil can.....	.50
1 8 gal. tin oil can.....	.65
2 No. 2 shovels.....	.90
1 1 qt. torch.....	.15
1 1 qt. oil can with 8 in. spout.....	.23
1 1 qt. oil can with 16 in. spout.....	.35
1 1 gal. oil can.....	.15
1 5 gal. oil can, wood covered.....	.50
2 Garton lightning arresters.....	7.00
1 6 in. tin funnel.....	.10
2 corn house brooms.....	.60
5 Columbia dry batteries.....	1.05
1 14 qt. wood pail.....	.25
1 gal. black tar.....	.10
1 18 in. x 36 in. x 72 in. locker.....	9.00

## **3c VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

### **Halls and Stairway to Flats.**

	Value. Present
6 30 in. x 84 in. window shades and fixtures.....	\$ 5.22
213 12 36 in. rubber hall and stair carpet.....	121.20

#### **Flat No. 1.**

5 30 in. x 48 in. window shades and fixtures.....	4.35
3 48 in. x 84 in. window shades and fixtures.....	3.99
1 2 ft. x 3 ft. x 4 ft. refrigerator.....	18.00
1 4 burner and broiler Jewel gas stove.....	12.00
4 joints 4 in. Russian iron stove pipe.....	1.00
1 elbow 4 in. Russian iron.....	.25

#### **Flat No. 2.**

5 30 in. x 84 in. window shades and fixtures.....	4.35
2 48 in. x 84 in. window shades and fixtures.....	2.66
1 24 in. x 36 in. x 52 in. oak refrigerator.....	18.00
1 4 burner and broiler Jewel gas stove.....	12.00
4 joints 4 in. Russian iron stove pipe.....	1.00
2 elbows 4 in. Russian iron stove pipe.....	.50

#### **Flat No. 3.**

5 30 in. x 84 in. window shades and fixtures.....	4.35
2 48 in. x 84 in. window shades and fixtures.....	2.66
1 24 in. x 36 in. x 48 in. oak refrigerator.....	18.00
1 4 burner and broiler Jewel gas stove.....	12.00
4 joints 4 in. Russian iron stove pipe.....	1.00
2 elbows, 4 in. Russian iron.....	.50

#### **Flat No. 4.**

6 30 in. x 84 in. window shades and fixtures.....	5.22
3 48 in. x 84 in. window shades and fixtures.....	3.99
1 24 in. x 36 in. x 48 in. oak refrigerator.....	18.00
1 4 burner and broiler Jewel gas stove.....	12.00
4 joints 4 in. Russian iron stove pipe.....	1.00
1 elbow, Russian iron.....	.25

#### **Flat No. 5.**

6 30 in. x 84 in. window shades and fixtures.....	5.22
2 48 in. x 84 in. window shades and fixtures.....	2.66
1 24 in. x 36 in. x 52 in. oak refrigerator.....	18.00
1 4 burner and broiler Jewel gas stove.....	12.00

#### **Flat No. 6.**

5 30 in. x 84 in. window shades and fixtures.....	4.35
2 48 in. x 84 in. window shades and fixtures.....	2.66
1 22 in. x 32 in. x 52 in. oak refrigerator.....	18.00
1 4 burner and broiler Jewel gas stove.....	12.00
3 joints 4 in. Russian iron stove pipe.....	.75
1 elbow, 4 in. Russian iron.....	.25

#### **Flat No. 7.**

4 48 in. x 84 in. window shades and fixtures.....	5.32
12 30 in. x 84 in. window shades and fixtures.....	10.44
1 6 burner and broiler Jewel gas stove with back shelf and warming closet.....	30.00
1 24 in. x 42 in. x 48 in. oak refrigerator.....	20.00

Flat No. 8.

		Present Value
3	48 in. x 72 in. window shades and fixtures.....	\$ 2.54
2	24 in. x 72 in. window shades and fixtures.....	1.50
1	30 in. x 42 in. window shades and fixtures.....	11.40
1	4 burner and broiler Jewel gas stove.....	12.00
4	joints 4 in. Russian iron stove pipe.....	1.00
1	elbow, 4 in. Russian iron.....	.25
1	24 in. x 30 in. x 56 in. oak refrigerator.....	18.00
1	30 in. round drop leaf oak table.....	6.00

Flat No. 9.

6	30 in. x 84 in. window shades and fixtures.....	5.22
2	48 in. x 84 in. window shades and fixtures.....	2.66
1	4 burner and broiler Jewel gas stove.....	12.00
1	24 in. x 28 in. x 48 in. oak refrigerator.....	18.00
10	3 yd towels.....	4.00

Total . . . . . \$3,732.72

FURNITURE AND TOOLS IN WAITING ROOM.

63RD ST. AND SOUTH PARK AVE.

1	24 in. x 24 in. x 36 in. grease, waste and lamp box.....	\$ 3.50
1	No. 2 Badger cast iron stove.....	} 25.00
1	24 in. x 30 in. sheet iron stove.....	
14	joints 7 in. iron stove pipe.....	4.20
3	7 in. iron elbows.....	.90
1	32 in. x 42 in. zinc stove board.....	2.50
2	2 ft. 9 in. x 7 ft. 5 in. double seated oak settees.....	24.00
1	2 ft. x 8 ft. iron slat settee.....	8.00
2	6 in. brass toilet paper holders.....	1.20
2	5½ in. x 5½ in. x 7½ in. ozone purifiers.....	1.20
1	regulator clock.....	18.00

Total . . . . . \$ 88.50



## 360 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

### FURNITURE AND TOOLS IN MISCELLANEOUS WAITING ROOMS. 93rd ST. AND COTTAGE GROVE AVE.

	Present Value
1 Seth Thomas regulator clock.....	\$ 15.00
1 settee .....	6.50

### S. CHICAGO AVE. AND COMMERCIAL AVE.

1 Seth Thomas clock.....	28.00
1 iron settee on sidewalk.....	8.00

### 75th St. and Stony Island Ave.

1 Seth Thomas regulator clock.....	28.00
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### 75th St. and Cottage Grove Ave.

1 Seth Thomas regulator clock.....	28.00
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### 92nd St. and Erie Ave.

1 iron settee—on sidewalk.....	8.00
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### 91st St. and Commercial Ave.

1 iron settee—on sidewalk.....	8.00
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### 75th St. and Cottage Grove Ave.

1 5 gal. grease pail.....	.50
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### 103rd St. and Michigan Ave.

1 5 gal. grease pail.....	.50
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### 120th St. and Halsted St.

1 5 gal. grease pail.....	.50
1 Seth Thomas clock.....	28.00

### 104th St. and Cottage Grove Ave.

1 headlight in telephone booth.....	15.00
1 5 gal. grease pail.....	.50

### 93rd St. and Erie Ave.

1 5 gal. grease pail.....	.50
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### 93rd St. and Stony Island Ave.

1 5 gal grease pail.....	.50
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### Mrs. Robey's Residence—108th Ave.

1 Crocker Wheeler 5 H. P. rotary converter, 500-110 V.....	280.00
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Total . . . . . \$ 455.50

Grand total of furniture and tools in terminal station and  
waiting rooms.....\$4,276.72

### FURNITURE AND INSTRUMENTS IN OFFICE BUILDING.

#### Claim Agent's Office.

1 roll top desk—small.....	\$ 15.00
1 roll top desk—large.....	30.00
1 flat top desk.....	20.00
1 library table .....	12.00
3 single 2-drawer Y. & E. file cabinets.....	43.50
2 double 4 drawer Y. & E. file cabinets.....	60.00

Furniture and Instruments in Office Building.—Continued.

	Present Value
1 typewriter and table .....	\$ 90.00
1 typewriter chair .....	4.75
1 desk chair .....	1.50
6 office chairs .....	10.50
1 office chair .....	3.50
1 stationery cupboard .....	14.00
1 cuspidor .....	.54
2 notary public seals.....	5.00
1 conductor's punch .....	1.19
2 paper weights .....	.30
1 letter basket .....	.25
1 pin tray .....	.10
2 calendar pads and 3 frames.....	.95
1 large dater .....	.95
1 small dater .....	.25
1 looking glass, 12 in. x 19 in.....	.60
1 ball twine .....	.05
5 lb. scratch paper .....	.25
4 ink wells .....	.80
1 sponge cup .....	.10
1 receipt book .....	.15
6 lead pencils .....	.25
2 penholders .....	.08
3 rubber erasers .....	.15
1 mucilage brush .....	.05
24 pens .....	.13
100 small paper fasteners, No. 2.....	.12
6 miscellaneous stamps .....	.90
2 stamp pads .....	.50
12 sheets carbon paper .....	.12

Outside Office, Second Floor.

1 stationery cabinet .....	5.00
1 chair .....	.75
1 cuspidor .....	.54
1 accident report box and lock.....	1.00
1 sign claim department.....	.50
3 waste baskets .....	.75
7 document file boxes.....	2.04
16 voucher file boxes .....	8.00

In Vault—Second Floor.

1 cash box .....	1.50
125 document file cases .....	36.46
2 file boxes .....	.50
1 voucher index file box.....	.75
1 time book .....	.50
1 letter file .....	.35
Shelving .....	40.00

Hall—Second Floor.

1 table .....	1.50
1 7 hole letter box .....	.50
1 cupboard for telephone batteries.....	5.00

Superintendent of Transportation Office.

1 roll top desk .....	25.00
1 small table .....	1.50
1 2-drawer Y. & E. file cabinet.....	8.00
1 swivel desk chair.....	2.00

# 362 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Furniture and Instruments in Office Building—Continued.

	Present Value
2 chairs—wood .....	\$ 1.50
1 stretcher or canvas couch.....	2.00
1 speaking tube .....	5.00
1 cuspidor .....	.54
1 rug, 6 ft.x9 ft.....	1.50
2 lanterns .....	.92
3 picture frames.....	.75
1 sleet cutter.....	.75
2 bells .....	1.00
7 Y & E document file boxes.....	2.04
1 wooden shelf for flowers.....	.75
24 voucher files.....	19.20
1 disinfecting atomizer .....	.50
1 ink well.....	.50
1 sponge cup.....	.10
1 mucilage bottle .....	.20
1 punch .....	1.19
1 paper weight.....	.15
1 15 inch ruler.....	.15
1 banner—gold standard.....	2.00
1 steel scratcher.....	.75
2 penholders .....	.08
2 pencils .....	.08
12 pens, steel.....	.06
12 thumb tacks.....	.06
2 coat hooks .....	.10
2 lb. scratch paper.....	.10
2 padlocks—Yale .....	.48
2 monkey wrenches—8 in.....	.86
1 screw driver—3 in.....	.10
1 pr. 6 inch pliers.....	.50
3 rubber stamps.....	.80
1 screw driver—8 in.....	.29
1 stamp pad .....	.25

## Store Room—2d Floor.

4 letter file boxes.....	1.60
2 Y & E document file boxes.....	.58
17 towels .....	8.50
1 water tank.....	8.00
1 chair .....	.75
1 step ladder.....	1.20
1 mimeograph outfit .....	2.00
2 cuspidors .....	1.08
1 fan part, electric.....	3.00
1 brass register rod.....	1.00
2 time recorder clocks, 1 case.....	25.00
1 mouse trap .....	.10
1 iron shelf bracket.....	.15
1 shoe shining outfit.....	1.50
1 flag .....	7.00
1 sickle .....	.80
4 picture frames .....	.80
2 board clips .....	.30
1 student lamp .....	1.50
1 pigeon hole box.....	.75
1 pr. shears .....	.87
1 banner .....	2.00

Furniture and Instruments in Office Building—Continued.

	Present Value
2 carpet beaters.....	\$ .50
1 grass catcher .....	.50
3 cane seat bottoms.....	.75
3 balls twine .....	.15
6 ink wells .....	.60
1 tin pail .....	.40
1 ink stand .....	.35
1 feather duster .....	.17

Stenographers' Office.

1 7 hole letter box .....	1.00
1 wooden shelf .....	.50
1 stamp holder .....	.50
1 picture frame .....	.50
2 picture frames.....	1.00
1 picture frame.....	.50
1 picture frame.....	.50
1 picture frame.....	.50
1 picture frame.....	.50
1 picture frame.....	.50
1 mirror frame.....	1.50
1 flag . . . . .	.10
1 rubber mat.....	6.00
1 cocoa mat.....	3.75
1 waste basket.....	.25
4 chairs . . . . .	5.00
1 desk chair .....	3.75
1 typewriter chair .....	4.75
1 Smith Premier typewriter and table.....	115.00
1 Monarch typewriter and table.....	120.00
1 letter press and stand.....	7.50
1 flat top double desk.....	45.00
1 dictionary and stand.....	6.75
1 note book holder.....	1.50
1 bookcase .....	1.50
1 typewriter ribbon .....	.75
1 upright cupboard .....	20.00
1 flat top stationary cupboard.....	20.00
2 wooden letter file cases.....	2.00
14 canvas letter file boxes.....	5.60
1 Jumbo file box.....	.35
24 copper engravings mounted on wood.....	26.00
1 Simplex duplicator .....	5.00
2 letter impression books .....	2.00
6 quarts ink .....	4.90
1 quart mucilage .....	.65
1 tin stamp box .....	.75
2 sponge cups .....	.20
1 postal scale .....	1.00
1 wire tray .....	.25
2 ink pads .....	.50
3 ink wells .....	2.90
1 rubber mat .....	.25
2 rulers .....	.20
1 pin tray .....	.25
1 box pens .....	.90
3 boxes pens .....	1.50
4 red lead pencils .....	.60

## Furniture and Instruments in Office Building—Continued.

	Present Value.
1 steel scratcher .....	\$ .75
2 drawer locks .....	.50
1 wicker letter basket .....	.25
1 bill spindle .....	.25
1 coat hook .....	.25
3 window shades .....	.75
6 penholders .....	.25
2 fountain pens .....	9.00
1 complimentary pass book .....	.02
1 pair shears .....	.75
<b>General Manager's Office.</b>	
1 thermometer .....	.75
1 thermometer .....	2.50
2 coat hooks .....	.50
5 maps and racks .....	20.00
1 map and rack .....	1.00
15 picture frames .....	11.25
3 picture frames .....	2.25
1 picture frame .....	.75
1 picture frame .....	.75
1 wooden shelf and bracket .....	.25
2 large chairs .....	7.00
2 small chairs .....	5.00
1 desk chair .....	5.00
1 roll top desk .....	50.00
1 library table .....	20.00
1 file cabinet .....	20.00
1 flat top desk .....	30.00
1 drop front file box .....	.25
1 whisk broom .....	.15
1 Globe Wernicke sectional bookcase .....	9.00
miscellaneous line material .....	7.50
1 valise .....	2.00
4 desk blotters .....	.27
4 leather corners for blotters .....	.50
1 ink well and stand .....	2.50
1 pin tray .....	.10
1 sponge cup .....	.10
4 lead pencils .....	.17
2 penholders .....	.09
3 paper weights .....	.24
1 letter opener .....	.10
1 wire letter tray .....	.25
1 ruler .....	.10
1 glass paper weight .....	.35
1 iron stand and calendar .....	.35
3 small rubber mats .....	1.80
1 rug .....	18.00
1 low reading ammeter .....	61.75
1 Queen's Wheatstone bridge .....	250.00
1 ammeter .....	28.25
1 volt meter .....	35.00
1 volt meter .....	52.25
1 tachometer .....	60.00
5 window shades .....	1.25
1 telephone extension bracket .....	1.50
2 cuspidors .....	3.50

Furniture and Instruments in Office Building—Continued.

	Present Value.
1 waste basket .....	\$ .25
1 Weston ammeter .....	65.00
1 Weston ammeter .....	26.84

General Office.

1 clock .....	28.00
1 file cabinet .....	15.00
1 city directory .....	7.50
1 upright file cabinet and 32 files.....	60.00
1 high bookkeeper's desk .....	10.00
2 ink wells and iron stand.....	.65
2 pen holders .....	.09
2 pencils .....	.09
1 roll top desk .....	40.00
1 desk chair .....	3.00
1 mat .....	.25
2 ink wells .....	.40
4 pen holders .....	.17
1 steel scratcher .....	.75
1 rubber eraser .....	.05
1 rubber ruler .....	.50
1 numbering machine .....	7.50
1 ruler .....	.10
1 calendar pad and holder.....	.45
2 small bottles ink.....	.26
1 pin tray .....	.25
1 paper weight .....	.15
1 cuspidor .....	.55
1 waste basket .....	.25
2 tables .....	8.50
4 chairs .....	5.50
1 roll top desk .....	20.00
1 desk chair .....	1.50
2 ink wells .....	.40
1 Y. & E. file cabinet.....	8.00
1 pair pliers .....	.67
1 glass paper weight .....	.35
1 metal paper weight .....	.25
1 stamp pad .....	.25
3 rubber stamps .....	.45
¼ lb. rubber bands .....	.50
6 lead pencils .....	.25
2 lb. scratch paper .....	.10
2 iron stands and two boards.....	1.50
1 iron stand and 1 board.....	.75
1 hammer .....	.25
5 document file boxes and stand.....	2.50
1 double perforating punch .....	.75
2 sponge cups .....	.20
1 trip sheet cabinet .....	1.50
2 trip sheet cases .....	1.00
1 24 in. ruler .....	.20
1 frame for employees' addresses.....	.50
1 Shannon file for employees' addresses.....	.25
1 clip .....	.05
1 roll top desk .....	15.00
1 desk chair .....	1.75
ink wells and iron stands.....	.65

# 336 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Furniture and Instruments in Office Building—Continued.

		Present Value.
1	screw driver .....	\$ .25
12	springs for punches .....	1.20
100	paper fasteners .....	.16
1	180 pigeon hole case .....	18.00
1	conductor's punch .....	1.19
1	ink pad .....	.25
3	rubber stamps .....	.75
1	box rubber type .....	.25
1	upright desk, single .....	6.00
1	blackboard and frame .....	10.00
1	eraser for blackboard .....	.03
1	time slip box .....	.75
2	trip sheet boxes .....	.80
1	mirror .....	.75
1	comb and brush .....	.50
1	whisk broom .....	.15
1	transfer case .....	14.00
1	Shannon file .....	.40
1	wooden frame .....	.30
1	Burroughs' adding machine .....	300.00
4	waste baskets .....	1.00
3	cuspidors .....	1.63
1	spindle file .....	.25
1	18 in. ruler .....	.15
3	small paper clippers .....	.30
2	paper weights .....	.30
1	double perforating punch .....	1.00
15	keys on board .....	1.25
2	padlocks .....	.48
2	clothes racks .....	.50
1	window shade .....	.25
1	stool .....	.50
1	cupboard .....	2.00
1	cuspidor .....	.55
2	brooms .....	.46
1	mop .....	.17
1	floor brush .....	3.00
1	feather duster .....	.17
1	hand brush .....	.63
1	dust pan .....	.25
1	large sponge .....	.09
1	Shannon file .....	.40
2	large paper clips .....	.30
1	rubber mat .....	.10
2	pen holders .....	.09
2	lead pencils .....	.09
1	2 in. brush for adding machine .....	.15
1	stamp pad .....	.25
1	bottle stamp red ink .....	.10
1	ruler .....	.10
1	package vouchers .....	.40
1	sponge cup .....	.10
1	book receipt blanks .....	.10
1	Shannon file .....	.40
1	spindle file .....	.25
1	numbering machine .....	4.50
2	paper weights .....	.30
1	letter press and stand .....	8.50

Furniture and Instruments in Office Building—Continued.

	Present Value.
1 bookkeeper's desk .....	\$ 10.00
2 spindles .....	.20
1 1908 calendar pad .....	.10
2 paper weights .....	.30
2 ink wells and iron stand.....	.65
1 mucilage pot and brush.....	.20
1 2 drawer Y. & E. file cabinet.....	8.00
1 rubber mat .....	.25
2 call sheet boards .....	.30
1 board .....	.15
2 boards .....	.30

Cashier's Office.

3 window shades .....	.75
1 weather report bulletin board.....	.30
1 canvas curtain .....	.30
1 ticket cancelling machine.....	7.80
1 safe .....	95.00
1 feather duster .....	.17
1 bookkeeper's desk .....	10.00
1 conductor's and motorman's safe, with special device for turning .....	125.00
1 cupboard for tickets.....	1.25
1 cupboard for transfers.....	.100
1 coin counting machine.....	250.00
1 standing desk .....	4.75
1 wire waste basket .....	.25
2 wicker waste baskets .....	1.50
1 chair .....	1.75
1 stool .....	.50
1 cuspidor .....	.55
2 ink wells and iron frame.....	.65
2 pencils .....	.09
2 pen holders .....	.09
1 mucilage pot .....	.20
1 leather money bag .....	6.00
5 money trays, tin .....	1.00
1 S. & W. 38-caliber revolver.....	14.00
2 H. & R. 32-caliber revolvers.....	5.00
1 pin tray .....	.10
1 sponge cup .....	.10
1 cash box .....	1.50
1 cash box .....	1.00
2 spindle files .....	.20
1 sponge .....	.10
12 miscellaneous rubber stamps .....	1.50
1 12 in. ruler.....	.25
1 steel scratcher .....	.75
1 stamp pad .....	.25
1 ball twine .....	.10
1 bank messenger's canvas bag.....	2.50
4 woven pay sheet covers.....	6.00
1 money scale .....	1.00
4 voucher files .....	3.20
1 wire screen .....	15.00
1 clock .....	28.00
1 thermometer and barometer.....	1.25



## Furniture and Instruments in Office Building—Continued.

## In Vault—Down Stairs.

	Present Value.
3 Shannon board clips.....	\$ 1.20
1 pay roll case, wooden.....	.50
1 leatheroid telescope .....	2.00
1 document file box .....	.40
2 board clips .....	.50
40 voucher file cases, wooden.....	32.00
14 wooden shelves .....	40.00
4 wooden doors .....	
3 cabinet locks .....	
1 padlock .....	
2 iron hooks .....	2.50
1 16 cp. lamp and marine holder.....	
books and records in vaults.....	1,000.00
shelving in storeroom.....	40.00

Total .....\$4,187.93

Note: Item books and records, amounting to \$1,000.00 has not been checked.

## FURNITURE AND TOOLS IN TRAINMEN'S ROOM.

2 picture frames, 10 in. x 14 in. ....	\$ .30
1 Shannon board file.....	.40
1 wooden frame, 16 in x 20 in. ....	.40
1 wooden shelf, 18 in. x 22 in. ....	.50
1 wooden frame, 19 in. x 22 in. ....	.55
1 wooden frame and glass case, 44 in. x 58 in.....	3.50
1 wooden box, 7½ in. x 15 in. x 9 in. ....	.50
1 wooden box, 5½ in. x 9 in. ....	.25
1 wooden box, 6½ in. x 9 in. x 15 in. ....	.50
2 tin boxes, 2 in. x 3 in. x 3½ in. ....	.50
1 tin box, 9 in. x 11 in. ....	.40
1 wooden box, 7 in. x 9 in. x 15 in. ....	.30
1 board, 15 in. x 42 in. ....	.25
3 boards, 28 in. x 49 in. ....	1.05
1 picture frame, 16 in. x 23 in. ....	.50
1 picture frame, 19 in. x 22 in. ....	.60
1 picture frame, 28 in. x 34 in. ....	.85
1 Seth Thomas clock.....	28.00
1 picture frame, 18 in. x 29 in. ....	.60
1 picture frame, 8½ in. x 10 in. ....	.20
1 picture frame, 16 in. x 19 in. ....	.50
5 coat hooks .....	.15
4 benches, 11 in. x 10 ft. 6 in. ....	8.80
1 table, 3 ft. x 16 ft. ....	14.00
3 wooden cuspidors .....	.90
2 1½ in. x 30 in. x 78 in. hard pine doors.....	5.00
155 folding opera chairs .....	77.50
6 folding trolley party chairs.....	3.00
50 15 in. x 17 in. folding chair seats.....	25.00
4 20 in. x 20 in. chair backs.....	.80
3 22 in. x 22 in. leather upholstered chair backs.....	3.00
1 rattan broom .....	.30
2 corn brooms .....	.60
77 4 in. iron wardrobe hooks.....	2.08
26 6 in. x 9 ft. triangle deck signs.....	52.00
1 12 ft. ladder.....	3.00

In Vault—Down Stairs—Continued.

		Present Value.
1	8 in. whitewash brush.....	\$ .60
8	2 in. x 24 in. x 36 in. window sash for skylights.....	10.00
50	10 in. x 10 in. window glass.....	3.00
1	48 in. lamp-lighter's torch.....	1.00
1	4 hole mouse trap.....	.10
1	24 in. x 36 in. waiting room sign.....	2.50
1	1 in. x 9 in. x 60 in. wood shelf.....	.25
1	1 in. x 14 in. x 60 in. wood shelf.....	.50
1	5 in. x 9 in. x 30 in. electric heater.....	5.00
1	7 in. oil can.....	.75
1	2 in. x 4 in. x 72 in. snow plow lever.....	7.00
1	18 in. x 24 in. wood sign .....	2.50
1	20 in. x 20 in. japanned iron sign .....	.60
1	24 in. x 8 ft. carpenter's horse.....	1.25
1	18 in. x 8 ft. carpenter's horse.....	1.00
1	24 in. x 24 in. 60 light star cluster.....	10.00
1	6 in. x 24 in. x 30 in. 5 light car cluster.....	
1	30 in. diam. 60 light cluster .....	
1	24 in. diam. 25 light horseshoe cluster .....	
1	24 in. x 24 in. 60 light shield cluster .....	
1	6 in. x 48 in. 25 light crescent cluster .....	
1	24 in. x 48 in. 60 light cluster .....	10.00
1	37 in. x 48 in. 60 light 3 link cluster.....	
236	wall sockets .....	
Total .....		\$ 282.83



**EXHIBIT VI.**  
**BUILDINGS**



**EXHIBIT VI.****BUILDINGS.****Cost New and Depreciation.**

In order to obtain the cost new of buildings herein treated, actual measurement of each was taken in the field, the quantities of material contained was then computed, and present prices for material and labor were then applied. To the cost thus obtained was added 15% for organization, engineering and incidentals, and this total was taken as cost new.

Buildings have been depreciated at a rate depending on the material used in their construction, the use to which they have been put and their exposure to deteriorating surroundings.

# EXHIBIT VI.

## BUILDINGS.

### SUMMARY.

These values are exclusive of the real estate, tracks, overhead construction, power plant equipment, hand and power tools and furniture.

Name	Location	Cost New	Present Value
New car barn.....	Burnside, Ill.....	\$ 31,196.18	\$ 26,235.99
Power plant.....	"	23,026.03	18,190.57
Covered area.....	"	6,317.42	6,127.90
Old car barn.....	"	21,768.87	13,877.66
Car repair shops.....	"	6,689.41	4,816.38
Office and trainmen's room.....	"	5,658.86	3,621.67
Machine shop and armature room..	"	4,163.08	4,069.41
Blacksmith shop.....	"	629.29	421.63
Store house.....	"	3,432.37	1,887.81
Well house and well.....	"	3,817.53	3,750.00
Heater room and fan apparatus.....	"	2,088.32	918.87
Old sand drying house.....	"	189.55	83.41
Trailer shed.....	"	2,215.60	1,351.52
Tool house.....	"	175.63	95.72
Hose cart shed.....	"	25.53	15.58
Men's water closet.....	"	96.37	67.46
Scale house.....	"	31.62	22.13
Oil house.....	"	82.06	73.86
Coke bin.....	"	48.99	25.48
Lime house.....	"	83.27	46.63
Pipe house.....	"	380.27	197.75
Sand house.....	"	354.99	237.85

SUMMARY—Continued.

Name	Location	Cost New	Present Value
Retaining wall for cinders.....	Burnside, Ill.....	77.16	54.01
Pump house for cooling tower.....	" .....	131.95	105.56
Foundry and rail saw shed.....	" .....	405.54	64.89
Old power plant.....	94th St. and Stony Island Ave.....	3,000.00	399.00
Subway pump house.....	Burnside, Ill.....	2,405.55	2,044.72
Salt house.....	" .....	107.41	62.30
Head light house.....	" .....	67.99	37.40
Horse barn.....	" .....	1,314.34	841.18
Wagon shed.....	" .....	513.85	375.11
Waiting room.....	South Park Ave. near 63d St.....	5,764.58	4,899.89
Terminal station.....	63d St. and Stony Island Ave.....	79,143.35	63,097.39
Telephone booths.....	All along lines.....	130.00	104.00
Pete's waiting room.....	South Park Ave. near 63d St.....	4,303.64	3,270.77
Bridge to terminal station.....	63d St. and Stony Island Ave.....	2,078.17	1,735.27
Waiting shed.....	74th St. and Stony Island Ave.....	50.60	30.36
Timber breakwater.....	Lake Ave.....	3,450.00	2,070.00
Grand total of buildings.....		<b>\$215,415.37</b>	<b>\$165,327.13</b>





**EXHIBIT VI.****BUILDINGS.****Cost New and Depreciation.**

In order to obtain the cost new of buildings herein treated, actual measurement of each was taken in the field; the quantities of material contained was then computed, and present prices for material and labor were then applied. To the cost thus obtained was added 15% for organization, engineering and incidentals, and this total was taken as cost new.

Buildings have been depreciated at a rate depending on the material used in their construction, the use to which they have been put and their exposure to deteriorating surroundings.

EXHIBIT VI.

BUILDINGS.

SUMMARY.

These values are exclusive of the real estate, tracks, overhead construction, power plant equipment, hand and power tools and furniture.

Name	Location		Cost New	Present Value
New car barn.....	Burnside, Ill.	\$	31,196.18	\$ 26,235.99
Power plant.....	"		23,026.03	18,190.57
Covered area.....	"		6,317.42	6,127.90
Old car barn.....	"		21,768.87	13,877.66
Car repair shops.....	"		6,689.41	4,816.38
Office and trainmen's room.....	"		5,658.86	3,621.67
Machine shop and armature room..	"		4,163.08	4,069.41
Blacksmith shop.....	"		629.29	421.63
Store house.....	"		3,432.37	1,887.81
Well house and well.....	"		3,817.53	3,750.00
Heater room and fan apparatus.....	"		2,088.32	918.87
Old sand drying house.....	"		189.55	83.41
Trailer shed.....	"		2,215.60	1,351.52
Tool house.....	"		175.63	95.72
Hose cart shed.....	"		25.53	15.58
Men's water closet.....	"		96.37	67.46
Scale house.....	"		31.62	22.13
Oil house.....	"		82.06	73.86
Coke bin.....	"		48.99	25.48
Lime house.....	"		83.27	46.63
Pipe house.....	"		380.27	197.75
Sand house.....	"		354.99	237.85

SUMMARY—Continued.

Name	Location	Cost New	Present Value
Retaining wall for cinders.....	Burnside, Ill.....	77.16	54.01
Pump house for cooling tower.....	" .....	131.95	105.56
Foundry and rail saw shed.....	" .....	405.54	64.89
Old power plant.....	94th St. and Stony Island Ave.....	3,000.00	399.00
Subway pump house.....	Burnside, Ill.....	2,405.55	2,044.72
Salt house.....	" .....	107.41	62.30
Head light house.....	" .....	67.99	37.40
Horse barn.....	" .....	1,314.34	841.18
Wagon shed.....	" .....	513.85	375.11
Waiting room.....	South Park Ave. near 63d St.....	5,764.58	4,899.89
Terminal station.....	63d St. and Stony Island Ave.....	79,143.35	63,097.39
Telephone booths.....	All along lines.....	130.00	104.00
Pete's waiting room.....	South Park Ave. near 63d St.....	4,303.64	3,270.77
Bridge to terminal station.....	63d St. and Stony Island Ave.....	2,078.17	1,735.27
Waiting shed.....	74th St. and Stony Island Ave.....	50.60	30.36
Timber breakwater.....	Lake Ave.....	3,450.00	2,070.00
Grand total of buildings.....		<u>\$215,415.37</u>	<u>\$165,327.13</u>

## NEW CAR BARN.

## BURNSIDE.

Built 1897.

	Cost New
Preparation of site.....	\$ 385.00
Excavation and fill, for footings and floors.....	352.00
Building foundations, masonry and concrete.....	2,259.60
Superstructure masonry (brick and cut stone), sills and coping .....	6,261.87
Structural steel and iron work.....	6,257.79
Carpenter work, framing, roof, trim.....	4,989.08
Mill work, windows (glazed), doors, hardware.....	1,623.60
Roofing, composition, 4 ply.....	1,371.90
Sheet metal work, gutters, downspouts, skylights (glazed), flashing, ventilators, conductor heads, wire screens .....	2,689.40
Painting and glazing.....	529.10
Drainage system.....	101.33
Water supply and piping.....	274.71
Fire protection, piping only.....	31.74
Total.....	\$27,127.12
Organization, engineering and incidentals, 15%.....	4,069.06
Total cost new.....	<b>\$31,196.18</b>
Depreciation ( $10\frac{2}{3}$ years @ $1\frac{1}{2}\%$ per annum), 15.9%..	4,960.19
Total present value.....	<b>\$26,235.99</b>

**POWER PLANT.  
BURNSIDE.**

**Built in 1892 With Addition in 1906.**

	Cost	New
Excavation and fill.....	\$	600.00
Foundations, masonry and concrete.....		3,225.50
Superstructure masonry.....		5,463.80
Steel work, hardware.....		3,623.62
Carpenter work.....		2,020.38
Mill work.....		692.98
Roofing .....		2,086.00
Sheet metal and skylights.....		884.21
Painting .....		550.71
Drainage .....		339.46
Plumbing and lockers .....		124.48
Water system.....		51.85
Heating system.....		23.32
Fire protection piping.....		95.83
Electric lighting.....		209.17
Telephone .....		31.33
		<hr/>
Total.....	\$	20,022.64
Organization, engineering and incidentals, 15%.....		3,003.39
		<hr/>
Total cost new.....		<b>\$23,026.03</b>
Depreciation (14 years @ 1½% per annum), 21%.....		4,835.46
		<hr/>
Total present value.....		<b>\$18,190.57</b>

**COVERED AREA.**

**BURNSIDE.**

**Built 1906.**

	<b>Cost New</b>
Excavation and fill, for walls, columns and pits.....	\$ 103.45
Building foundations, concrete.....	985.60
Superstructure masonry, concrete.....	208.00
Structural steel and iron work.....	1,260.93
Carpenter work.....	1,371.58
Mill work.....	179.80
Roofing .....	364.80
Sheet metal and skylights.....	644.05
Painting .....	3.13
Drainage .....	286.00
Fire protection.....	33.55
Lighting .....	52.52
	<hr/>
Total.....	\$5,493.41
Organization, engineering and incidentals, 15%.....	824.01
	<hr/>
Total cost new.....	<b>\$6,317.42</b>
Depreciation (1½ years @ 2% per annum), 3%.....	189.52
	<hr/>
Total present value.....	<b>\$6,127.90</b>

## .. OLD CAR BARN.

## BURNSIDE.

Built 1893.

	Cost New
Excavation and fill.....	\$ 634.00
Masonry, foundations.....	777.48
Brickwork . . . . .	3,432.50
Structural steel work.....	5,995.39
Carpenter work.....	1,985.56
Mill work.....	322.32
Sheet metal and skylights.....	2,856.80
Painting . . . . .	1,082.27
Drainage . . . . .	640.16
Lockers . . . . .	296.00
Water supply.....	92.87
Heating . . . . .	422.89
Fire and miscellaneous old piping.....	323.39
Electric lighting.....	67.83
Total.....	\$18,929.46
Organization, engineering and incidentals, 15%.....	2,839.41
Total cost new.....	<b>\$21,768.87</b>
Depreciation (14½ years @ 2½% per annum), 36¼%...	7,891.21
Total present value.....	<b>\$13,877.66</b>



**CAR REPAIR SHOPS.**

**BURNSIDE.**

**Built 1894.**

	<b>Cost New</b>
Excavation and fill.....	\$ 143.20
Foundations .....	256.00
Concrete walls.....	581.60
Hardware, nails, etc.....	37.14
Carpenter work.....	2,730.30
Mill work.....	328.50
Roofing .....	336.00
Sheet metal work.....	254.00
Painting .....	275.40
Drainage .....	73.82
Plumbing and lockers.....	147.35
Heating .....	345.40
Miscellaneous air piping.....	87.85
Electric lighting.....	203.79
Telephone .....	16.53
	<hr/>
Total.....	\$5,816.88
Organization, engineering and incidentals, 15%.....	872.53
	<hr/>
Total cost new.....	<b>\$6,689.41</b>
Depreciation (14 years @ 2% per annum), 28%.....	1,873.03
	<hr/>
Total present value.....	<b>\$4,816.38</b>

## OFFICE AND TRAINMEN'S ROOM.

## BURNSIDE.

Built 1892—Addition 1904.

	Cost New
Excavation and fill.....	\$ 17.80
Foundations .....	29.72
Brick work .....	346.00
Steel and hardware.....	280.92
Carpenter work.....	1,635.80
Mill work.....	526.73
Roofing .....	118.75
Sheet metal work.....	121.56
Plastering .....	338.50
Painting .....	363.40
Drainage .....	73.73
Plumbing .....	81.19
Water system.....	48.55
Heating system.....	451.68
Fire protection piping.....	51.00
Electric lighting.....	195.71
Telephone system.....	239.72
Total.....	<u>\$4,920.76</u>
Organization, engineering and incidentals, 15%.....	738.10
Total cost new.....	<u>\$5,658.86</u>
Depreciation (averaging 12 years @ 3% per annum), 36%.....	2,037.19
Total present value.....	<u>\$3,621.67</u>

**MACHINE SHOP AND ARMATURE ROOM.**

**BURNSIDE.**

**Built 1906.**

	Cost New
Excavation and fill.....	\$ 67.50
Concrete foundations.....	612.00
Concrete walls.....	1,140.00
Structural steel .....	114.67
Carpenter work.....	792.03
Mill work.....	464.50
Roofing .....	31.83
Sheet metal work.....	45.60
Painting .....	123.17
Lockers .....	9.33
Heating .....	88.53
Electric lighting.....	113.80
Telephone .....	17.11
Total.....	<b>\$3,620.07</b>
Organization, engineering and incidentals, 15%.....	543.01
Total cost new.....	<b>\$4,163.08</b>
Depreciation (1½ years @ 1½% per annum), 2¼%.....	93.67
Total present value.....	<b>\$4,069.41</b>

**BLACKSMITH SHOP.**

**BURNSIDE.**

**Built 1897.**

	Cost New
Excavation .....	\$ 10.00
Carpenter work.....	345.53
Mill work.....	42.15
Roofing .....	26.60
Sheet metal work.....	5.00
Painting and skylight.....	85.62
Lockers .....	1.98
Air piping. ....	5.03
Electric lighting .....	25.30
Total.....	<b>\$ 547.21</b>
Organization, engineering and incidentals, 15%.....	82.08
Total cost new.....	<b>\$629.29</b>
Depreciation (11 years @ 3% per annum), 33%.....	207.66
Total present value.....	<b>\$421.63</b>

## STORE HOUSE.

## BURNSIDE.

Built 1890.

	Cost New
Excavation and fill.....	\$ 57.50
Masonry, foundations.....	637.00
Hardware and nails.....	74.64
Carpenter work.....	1,717.82
Mill work.....	124.40
Roofing .....	66.42
Painting .....	7.70
Well .....	275.00
Electric lighting .....	33.50
Telephone .....	15.69
Total.....	\$2,984.67
Organization, engineering and incidentals, 15%.....	447.70
Total cost new.....	<b>\$3,432.37</b>
Depreciation (18 years @ 2½% per annum), 45%.....	1,544.56
Total present value.....	<b>\$1,887.81</b>

## WELL HOUSE AND WELL.

## BURNSIDE.

	Cost New
Carpenter work.....	\$ 94.46
Painting .....	7.74
Total.....	\$ 102.20
Organization, engineering and incidentals, 15%.....	15.33
Total.....	\$ 117.53
Present value of building.....	50.00
Cost of well 1,000 feet deep, cased 60 feet with 8-in. casing and air lift.....	3,700.00
Total present value.....	<b>\$3,750.00</b>

# HEATER ROOM AND FAN APPARATUS.

## BURNSIDE.

Built 1894.

	Cost New
Hardware and nails.....	\$ 3.00
Carpenter work.....	44.22
Mill work .....	15.75
Roofing .....	8.45
Painting .....	5.00
Heating fan and apparatus.....	1,739.51
Total.....	\$1,815.93
Organization, engineering and incidentals, 15%.....	272.39
Total cost new.....	\$2,088.32
Depreciation (14 years @ 4% per annum), 56%.....	1,169.45
Total present value.....	\$ 918.87

# OLD SAND DRYING HOUSE.

## BURNSIDE.

Built 1894.

	Cost New
Brick stack.....	\$ 23.00
Hardware and nails.....	5.00
Carpenter work.....	122.43
Roofing .....	14.40
Total.....	\$164.83
Organization, engineering and incidentals, 15%.....	24.72
Total cost new.....	\$189.55
Depreciation (14 years @ 4% per annum), 56%.....	106.14
Total present value.....	\$ 83.41

**TRAILER SHED.****BURNSIDE.****Built 1895.**

	Cost New
Hardware and nails.....	\$ 25.00
Carpenter work.....	1,334.24
Mill work.....	81.50
Roofing .....	282.10
Painting .....	177.76
Water piping.....	26.01
Total.....	\$1,926.61
Organization, engineering and incidentals, 15%.....	288.99
Total cost new.....	<b>\$2,215.60</b>
Depreciation (13 years @ 3% per annum), 39%.....	864.08
Total present value.....	<b>\$1,351.52</b>

**TOOL HOUSE.****BURNSIDE.****Built 1895.**

	Cost New
Cinder concrete floor.....	\$ 42.00
Hardware and nails.....	5.00
Carpenter work.....	64.57
Mill work.....	25.00
Roofing .....	7.35
Painting .....	8.80
Total.....	\$152.73
Organization, engineering and incidentals, 15%.....	22.90
Total cost new.....	<b>\$175.63</b>
Depreciation (13 years @ 3½% per annum), 45½%.....	79.91
Total present value.....	<b>\$ 95.72</b>

**HOSE CART SHED.  
BURNSIDE.  
Built 1895.**

	Cost New
Hardware and nails.....	\$ 1.50
Carpenter work.....	9.69
Mill work.....	6.25
Roofing .....	1.75
Painting .....	3.01
Total.....	\$22.20
Organization, engineering and incidentals, 15%.....	3.33
Total cost new.....	\$25.53
Depreciation (13 years @ 3% per annum), 39%.....	9.95
Total present value.....	\$15.58

**MEN'S WATER CLOSET.  
BURNSIDE.  
Built 1893.**

	Cost New
Hardware and nails.....	\$ 3.30
Carpenter work.....	64.00
Mill work.....	6.50
Roofing .....	10.00
Total.....	\$83.80
Organization, engineering and incidentals, 15%.....	12.57
Total cost new.....	\$96.37
Depreciation (15 years @ 2% per annum), 30%.....	28.91
Total present value.....	\$67.46

**SCALE HOUSE.  
BURNSIDE.  
Built 1893.**

	Cost New
Hardware and nails.....	\$ 1.25
Carpenter work.....	16.25
Mill work.....	7.00
Roofing .....	3.00
Total.....	\$27.50
Organization, engineering and incidentals, 15%.....	4.12
Total cost new.....	\$31.62
Depreciation (15 years @ 2% per annum), 30%.....	9.49
Total present value.....	\$22.13

**BUILDINGS.****3 7****OIL HOUSE.****BURNSIDE.****Built 1906.**

	Cost New
Hardware and nails.....	\$ 2.75
Carpenter work.....	50.46
Mill work.....	9.90
Roofing .....	2.50
Electric lighting.....	5.75
Total.....	<b>\$71.36</b>
Organization, engineering and incidentals, 15%.....	10.70
Total cost new.....	<b>\$82.06</b>
Depreciation (2 years @ 5% per annum), 10%.....	8.20
Total present value.....	<b>\$73.86</b>

**COKE BIN.****BURNSIDE.****Built 1902.**

	Cost New
Nails .....	\$ 1.00
Carpenter work.....	41.60
Total.....	<b>\$42.60</b>
Organization, engineering and incidentals, 15%.....	6.39
Total cost new.....	<b>\$48.99</b>
Depreciation (6 years @ 8% per annum), 48%.....	23.51
Total present value.....	<b>\$25.48</b>

**LIME HOUSE.****BURNSIDE.****Built 1897.**

	Cost New
Hardware and nails.....	\$ 5.00
Carpenter work.....	55.66
Mill work.....	7.45
Roofing .....	4.30
Total.....	<b>\$72.41</b>
Organization, engineering and incidentals, 15%.....	10.86
Total cost new.....	<b>\$83.27</b>
Depreciation (11 years @ 4% per annum), 44%.....	36.64
Total present value.....	<b>\$46.63</b>



**PIPE HOUSE.****BURNSIDE.**

Built 1896.

	Cost New
Steel, hardware and nails.....	\$ 43.35
Carpenter work.....	201.09
Mill work .....	27.40
Roofing .....	13.76
Painting .....	29.48
Electric lighting.....	15.59
Total.....	<u>\$330.67</u>
Organization, engineering and incidentals, 15%.....	49.60
Total cost new.....	<u>\$380.27</u>
Depreciation (12 years @ 4% per annum), 48%.....	182.52
Total present value.....	<u>\$197.75</u>

**SAND HOUSE.****BURNSIDE.**

Built 1897.

	Cost New
Steel, hardware and nails.....	\$ 23.32
Carpenter work.....	256.18
Mill work.....	9.50
Roofing .....	9.24
Electric lighting.....	10.45
Total.....	<u>\$308.69</u>
Organization, engineering and incidentals, 15%.....	46.30
Total cost new.....	<u>\$354.99</u>
Depreciation (11 years @ 3% per annum), 33%.....	117.14
Total present value.....	<u>\$237.85</u>

**RETAINING WALL FOR CINDERS.****BURNSIDE.**

Ties and labor, cost new.....	\$77.16
Depreciation due to burning, 30%.....	23.15
Total present value.....	<u>\$54.01</u>

**PUMP HOUSE FOR COOLING TOWER.****BURNSIDE.**

Built 1906.

	Cost New
Hardware and nails.....	\$ 3.30
Carpenter work.....	84.68
Mill work.....	11.00
Roofing .....	7.30
Electric lighting.....	8.46
Total.....	\$114.74
Organization, engineering and incidentals, 15%.....	17.21
Total cost new.....	<b>\$131.95</b>
Depreciation (2 years @ 10% per annum), 20%.....	26.39
Total present value.....	<b>\$105.56</b>

**FOUNDRY AND RAIL SAW SHED.****BURNSIDE.**

Built 1896.

	Cost New
Brick work.....	\$ 26.00
Hardware and nails.....	4.00
Carpenter work.....	100.14
Mill work.....	200.00
Roofing .....	22.50
Total.....	\$352.64
Organization, engineering and incidentals, 15%.....	52.90
Total cost new.....	<b>\$405.54</b>
Depreciation (12 years @ 7% per annum), 84%.....	320.65
Total present value.....	<b>\$ 64.89</b>

**OLD POWER PLANT.****94TH STREET AND STONY ISLAND AVENUE.**

	Scrap Value
Rubble foundations.....	\$138.00
Brick .....	177.00
Steel .....	24.00
Lumber .....	60.00
Total present value.....	<b>\$399.00</b>

## SUBWAY PUMP HOUSE.

## BURNSIDE.

Built 1903.

	Cost New
Hardware and nails.....	\$ 4.00
Carpenter work.....	31.35
Mill work.....	4.00
Roofing .....	3.00
Painting .....	6.60
Drainage, pumps and motors.....	2,037.43
Electric lights.....	5.41
Total.....	\$2,091.79
Organization, engineering and incidentals, 15%.....	313.76
Total cost new.....	\$2,405.55
Depreciation (5 years @ 3% per annum), 15%.....	360.83
Total present value.....	\$2,044.72

## SALT HOUSE.

## BURNSIDE.

Built 1901.

	Cost New
Hardware and nails.....	\$ 4.00
Carpenter work.....	75.80
Roofing .....	4.10
Electric lighting.....	9.50
Total.....	\$ 93.40
Organization, engineering and incidentals, 15%.....	14.01
Total cost new.....	\$107.41
Depreciation (7 years @ 6% per annum), 42%.....	45.11
Total present value.....	\$ 62.30

**HEAD LIGHT HOUSE.****BURNSIDE.****Built 1893.**

	Cost New
Hardware and nails.....	\$ 2.00
Carpenter work.....	40.32
Mill work.....	5.80
Roofing .....	4.50
Electric lighting.....	6.50
Total.....	\$59.12
Organization, engineering and incidentals, 15%.....	8.87
Total cost new.....	<b>\$67.99</b>
Depreciation (15 years @ 3% per annum), 45%.....	30.59
Total present value.....	<b>\$37.40</b>

**HORSE BARN.****BURNSIDE.****Built 1896.**

	Cost New
Excavation .....	\$ 4.00
Masonry .....	117.20
Steel, hardware and nails.....	25.35
Carpenter work.....	720.47
Mill work.....	19.00
Roofing .....	44.00
Painting .....	55.96
Lockers .....	16.17
Water system.....	101.49
Electric lighting.....	18.70
Telephone .....	20.57
Total.....	\$1,142.91
Organization, engineering and incidentals, 15%.....	171.43
Total cost new.....	<b>\$1,314.34</b>
Depreciation (12 years @ 3% per annum), 36%.....	473.16
Total present value.....	<b>\$ 841.18</b>

## **392 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

### **WAGON SHED.**

#### **BURNSIDE.**

**Built 1899.**

	<b>Cost New</b>
Steel work, hardware and nails.....	\$ 18.81
Carpenter work.....	305.40
Mill work.....	38.40
Roofing .....	22.00
Painting .....	53.46
Electric lighting.....	8.76
Total.....	<b>\$446.83</b>
Organization, engineering and incidentals, 15%.....	67.02
Total cost new.....	<b>\$513.85</b>
Depreciation (9 years @ 3% per annum), 27%.....	138.74
Total present value.....	<b>\$375.11</b>

### **WAITING ROOM.**

#### **SOUTH PARK AVENUE, NEAR 63D STREET.**

**Built 1897—Additions 1906.**

	<b>Cost New</b>
Excavation and fill.....	\$ 35.00
Foundations .....	506.80
Brick work and cut stone.....	1,226.30
Steel work.....	91.85
Carpenter work.....	932.06
Mill work.....	276.26
Roofing and awning.....	416.91
Sheet metal work.....	61.80
Lathing and plastering.....	174.00
Painting and plate glass.....	162.08
Drainage .....	178.20
Plumbing .....	212.14
Gas lighting.....	91.85
Electric lighting .....	630.93
Telephone .....	16.50
Total.....	<b>\$5,012.68</b>
Organization, engineering and incidentals, 15%.....	751.90
Total cost new.....	<b>\$5,764.58</b>
Depreciation (averaging 6 years @ 2½%), 15%.....	864.69
Total present value.....	<b>\$4,899.89</b>

**TERMINAL STATION.  
63D STREET AND STONY ISLAND AVENUE.**

Built 1897.

	Cost New
Excavation and fill.....	\$ 724.95
Foundations.....	1,876.60
Superstructure and masonry.....	9,130.42
Structural steel.....	4,748.59
Carpenter work.....	10,622.49
Mill work.....	8,858.14
Roofing .....	425.00
Sheet, metal.....	4,455.35
Plastering .....	5,362.00
Painting and glazing.....	3,999.05
Plumbing and sewerage.....	3,324.35
Heating system.....	4,401.65
Miscellaneous piping.....	368.50
Lighting system.....	3,132.82
Power system.....	455.69
Total.....	\$61,885.60
Organization, engineering and incidentals, 15%.....	9,282.84
Total.....	\$71,168.44
Add for elevators, new.....	7,974.91
Total cost new.....	\$79,143.35
Cost new without elevators.....	\$71,168.44
Depreciation (11 years @ 1½% per annum), 16½%.....	11,742.79
	\$59,425.65
Add present value of elevators.....	3,671.74
Total present value.....	\$63,097.39

**TELEPHONE BOOTHS.**

	Cost New in Place
75th Street and Cottage Grove Avenue.....	\$ 20.00
104th Street and Cottage Grove Avenue.....	20.00
103d Street and Cottage Grove Avenue.....	20.00
120th and Halsted Streets.....	20.00
93d Street and Stony Island Avenue.....	20.00
93d Street and Erie Avenue.....	20.00
79th Street and Stony Island Avenue (Box).....	10.00
Total cost new in place.....	\$130.00
Depreciation (5 years @ 4% per annum), 20%.....	26.00
Total present value.....	\$104.00

**PETE'S WAITING ROOM.**  
**SOUTH PARK AVENUE, NEAR 63D STREET.**

Built 1902.

	Cost New
Excavation .....	\$ 18.00
Foundations .....	231.22
Brick work.....	748.20
Steel work.....	12.43
Carpenter work.....	1,058.03
Mill work.....	436.38
Roofing .....	122.75
Sheet metal work.....	117.65
Plastering .....	163.50
Painting .....	180.10
Drainage .....	78.51
Plumbing .....	220.23
Gas lighting.....	107.36
Electric lighting.....	247.94
Total.....	<u>\$3,742.30</u>
Organization, engineering and incidentals, 15%.....	561.34
Total cost new.....	<u><b>\$4,303.64</b></u>
Depreciation (6 years @ 4% per annum), 24%.....	1,032.87
Total present value.....	<u><b>\$3,270.77</b></u>

**BRIDGE TO TERMINAL STATION.**  
**63D STREET AND STONY ISLAND AVENUE.**

Built 1897.

	Cost New
Structural steel.....	\$ 932.36
Carpenter work.....	296.10
Mill work.....	72.80
Sheet metal work.....	355.10
Painting .....	150.75
Total.....	<u>\$1,807.11</u>
Organization, engineering and incidentals, 15%.....	271.06
Total cost new.....	<u><b>\$2,078.17</b></u>
Depreciation (11 years @ 1½% per annum), 16½%.....	342.90
Total present value.....	<u><b>\$1,735.27</b></u>

**WAITING SHED.**  
**73D STREET AND STONY ISLAND AVENUE.**  
**Built 1898.**

	<b>Cost New</b>
Carpenter work.....	<b>\$34.00</b>
Roofing .....	<b>10.00</b>
	<hr/>
Total.....	<b>\$44.00</b>
Organization, engineering and incidentals, 15%.....	<b>6.60</b>
	<hr/>
Total cost new.....	<b>\$50.60</b>
Depreciation (10 years @ 4% per annum), 40%.....	<b>20.24</b>
	<hr/>
Total present value.....	<b>\$30.36</b>

**TIMBER BREAKWATER.**  
**LAKE AVENUE.**

	<b>Cost New</b>
Cost, labor and material.....	<b>\$3,000.00</b>
Organization, engineering and incidentals, 15%.....	<b>450.00</b>
	<hr/>
Total cost new.....	<b>\$3,450.00</b>
Depreciation, 40%.....	<b>1,380.00</b>
	<hr/>
Total present value.....	<b>\$2,070.00</b>





**EXHIBIT VII.**  
**REAL ESTATE**



**EXHIBIT VII.**  
**REAL ESTATE.**  
**SUMMARY.**

Plat Number	Location	Present Value
1	Loop at 63d St. and Stony Island Ave.....	\$ 75,000.00
2	Property on South Park Ave.....	15,000.00
3	Property at Brookline Loop.....	3,500.00
4	Right of way west of Nickel Plate R. R.....	6,128.50
5	Property at old Power house, Stony Island Ave.	6,000.00
6	New car barn property (1897).....	11,171.00
7	Burnside property.....	63,627.00
Total valuation.....		<u>\$180,426.50</u>

Chicago, March 11, 1908.

Traction Valuation Commission,  
Borland Building, Chicago.

Gentlemen:

In conformity with your instructions we have appraised the real estate of the Calumet Electric Street Railway Company as indicated to us on a series of plats referred to in the accompanying report.

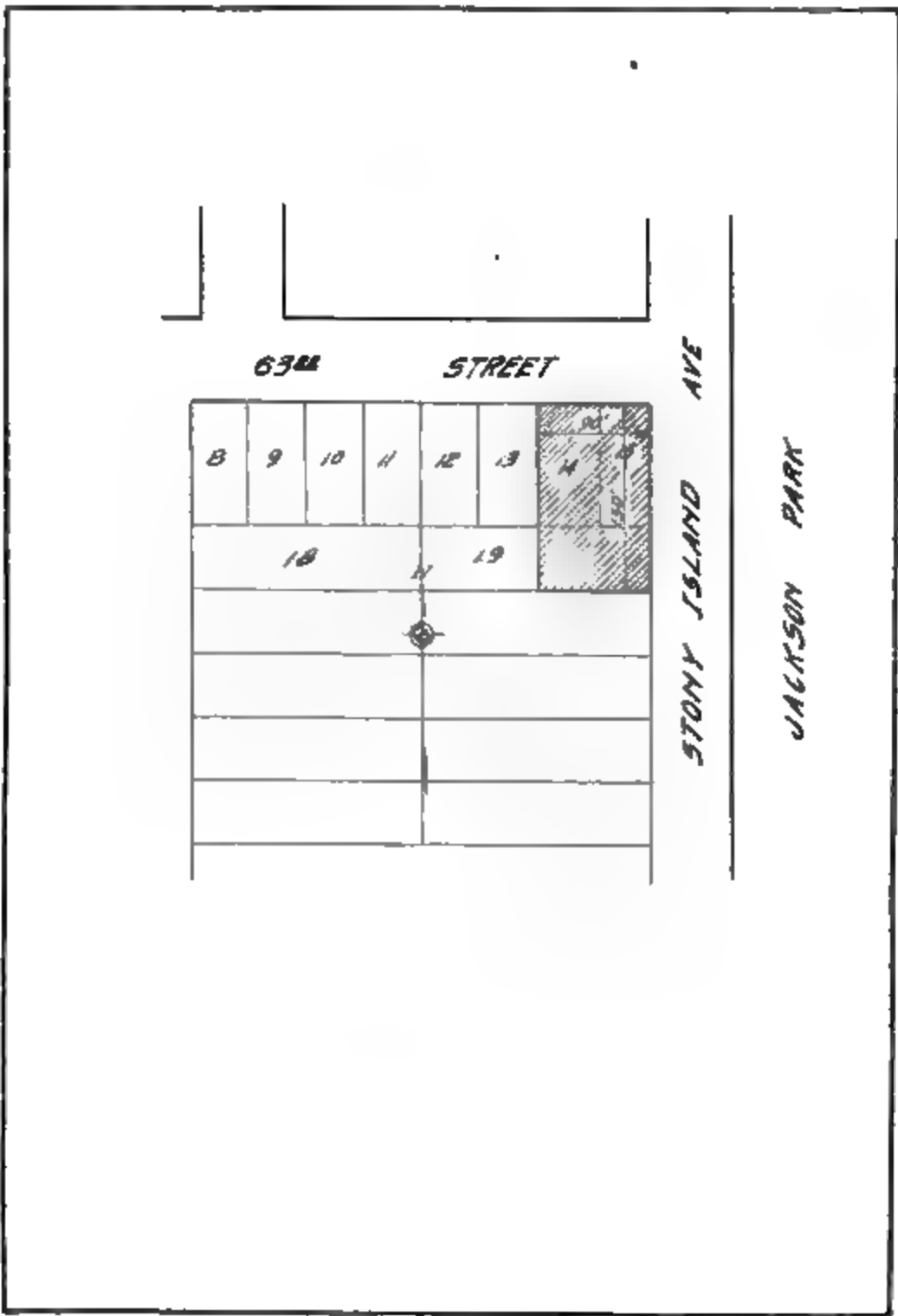
Our values are based on the usual standards, and in cases where the property is now in use its particular suitability for such use is considered.

Yours truly,

(Signed) MARVIN A. FARR.

(Signed) JOSEPH DONNERSBERGER.

**400 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

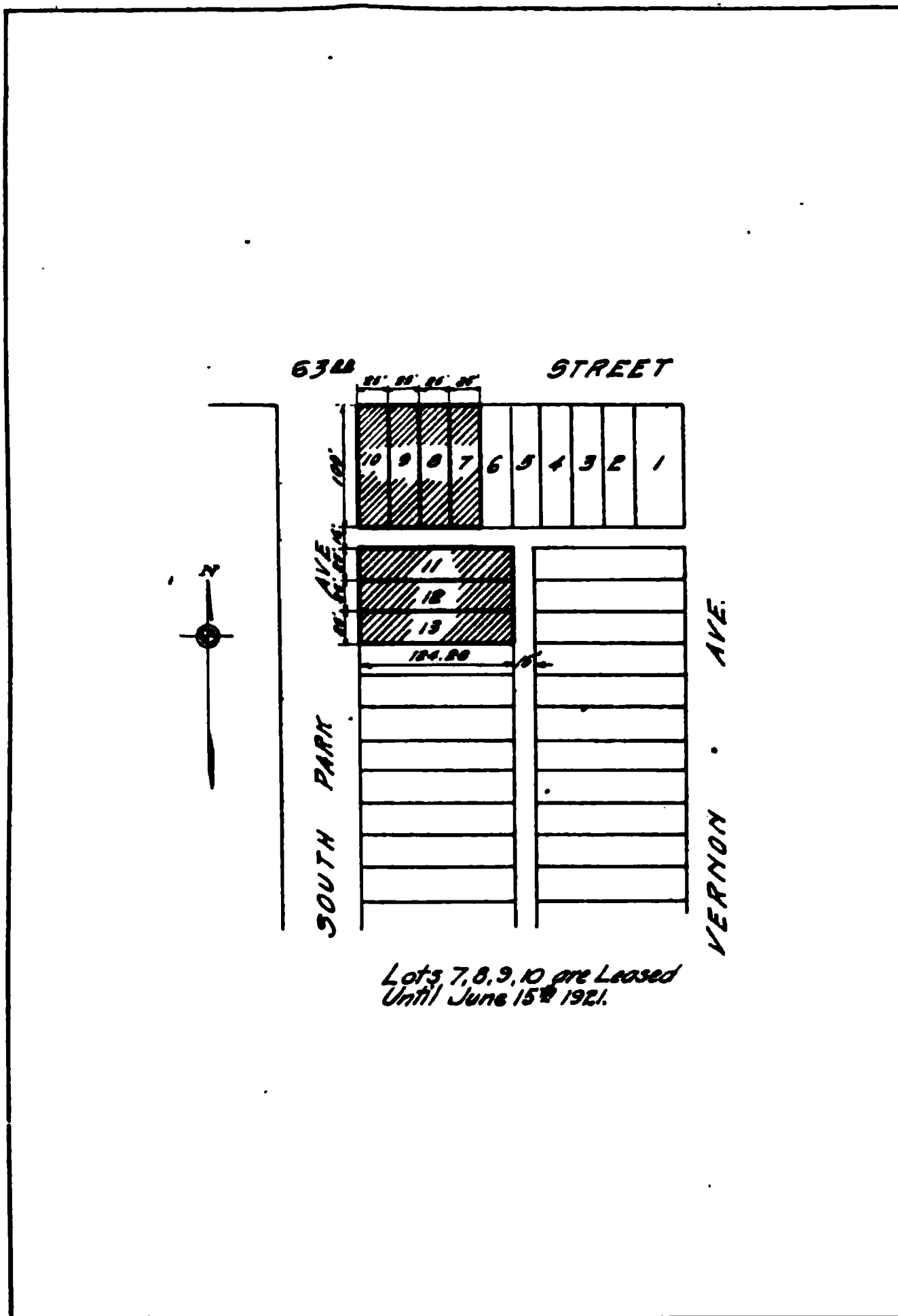


**PLAT I.**

**Loop at 63d St. and Stony Island Ave.**

Lots fourteen (14), fifteen (15), and E. 90 feet of lot nineteen (19), Robertson's subdivision, Section 23, T. 38 N., R. 14, east of 3d P. M.

Value, exclusive of improvements.....**\$75,000.00**



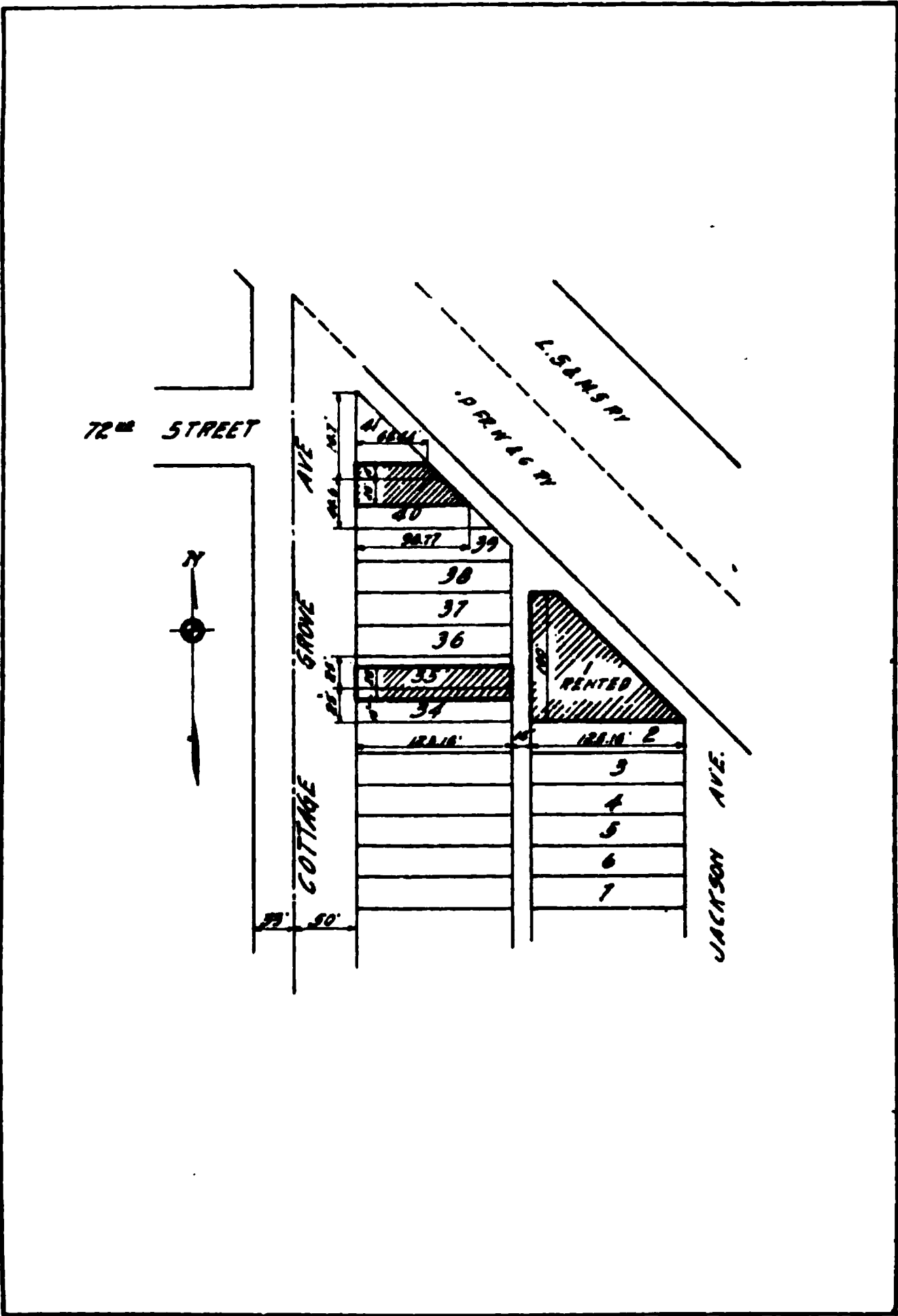
PLAT II.

Property on South Park Ave.

Lots eleven (11), twelve (12) and thirteen (13), block two (2), Sonnenschein and Solomon's subdivision of W.  $\frac{1}{2}$  of N. W.  $\frac{1}{4}$  of N. E.  $\frac{1}{4}$  of section 22, T. 38 N., R. 14, east of 3d P. M.

Value, exclusive of improvements.....\$15,000.00

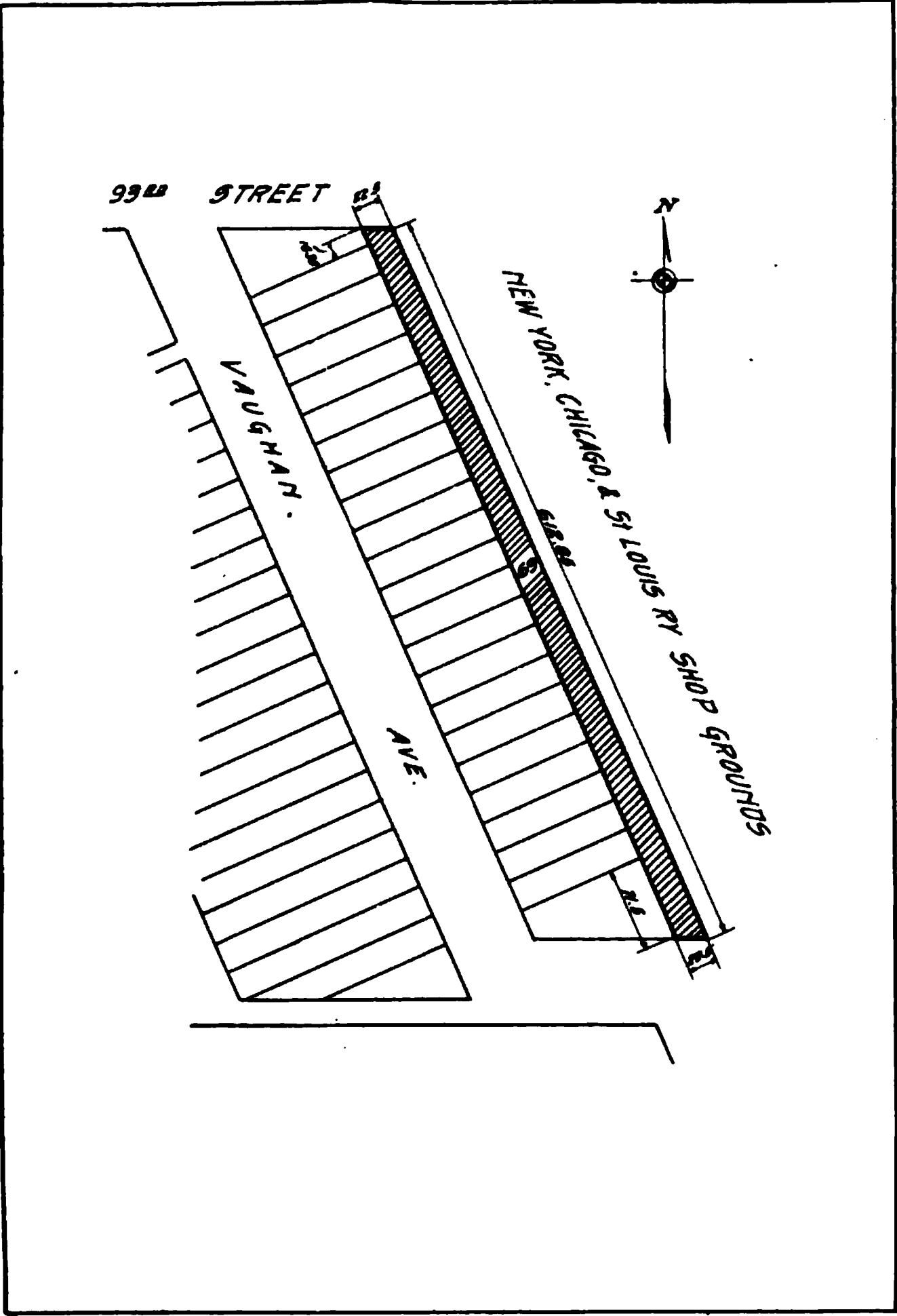
Note: The Calumet Electric Street Railway Company leases lots seven (7); eight (8), nine (9) and ten (10) of above subdivision.



PLAT III.

Property at Brookline Loop.

Lot one (1), north ten feet of lot thirty-four (34), south twenty feet of lot thirty-five (35), north twenty feet of lot forty (40), and south ten feet of lot forty-one (41), block nine (9), Cornell's subdivision, section 26, T. 38 N., R. 14, east of 3d P. M.  
Value, exclusive of improvements.....\$3,500.00



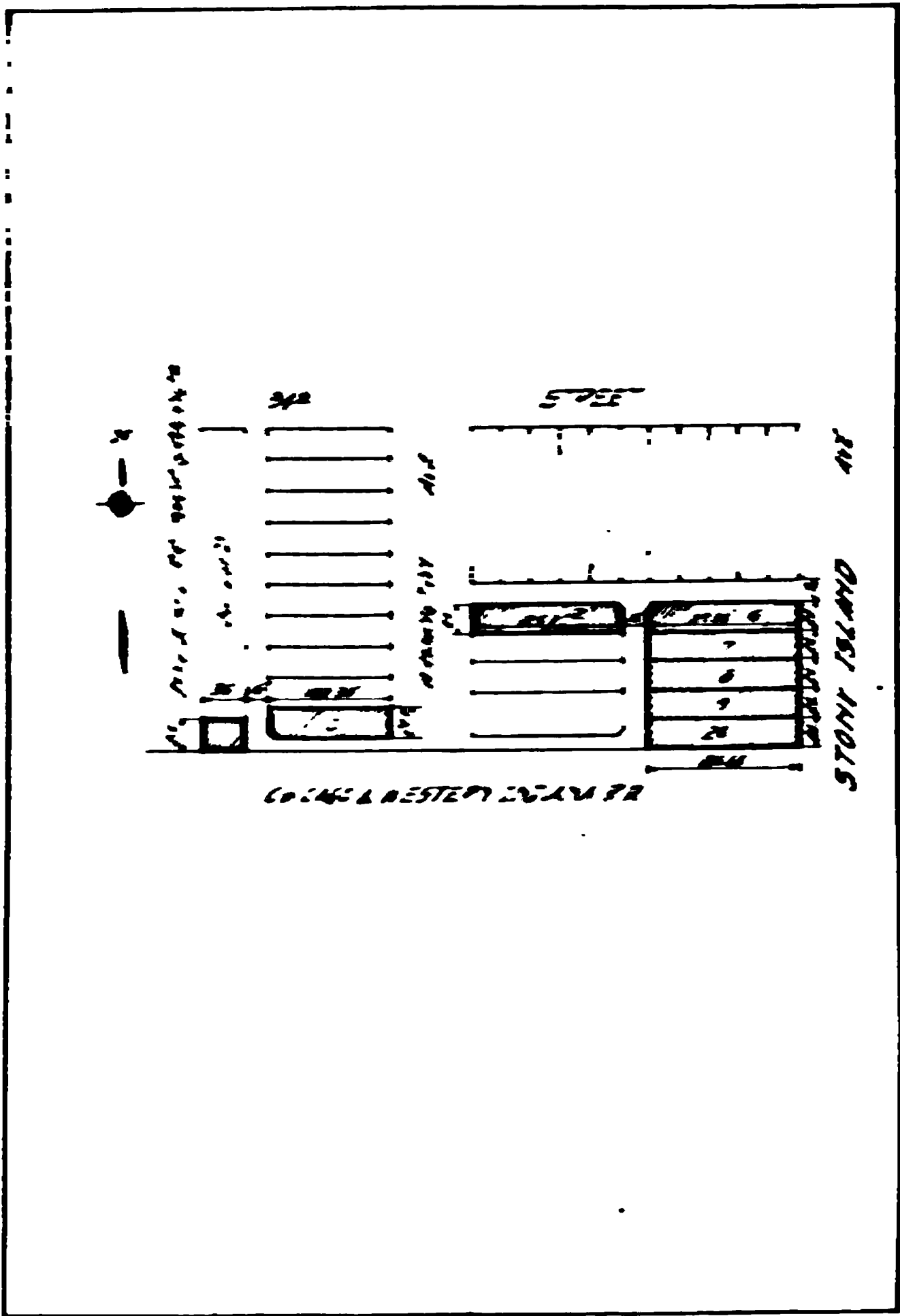
PLAT IV.

Right of Way West of Nickel Plate R. R.

Lot sixty-nine (69), Stewart's subdivision of that part of the E. 1/2 of S. W. 1/4 and W. 1/2 of S. E. 1/4 of S. E. 1/4, section 2, T. 37 N., R. 14, east of 3d P. M., lying north of the south 595 feet thereof, and west of the W line of the N. Y. C. & St. L. Railway Company's shop grounds.

Value, exclusive of improvements.....\$6,128.50





PLAT V.

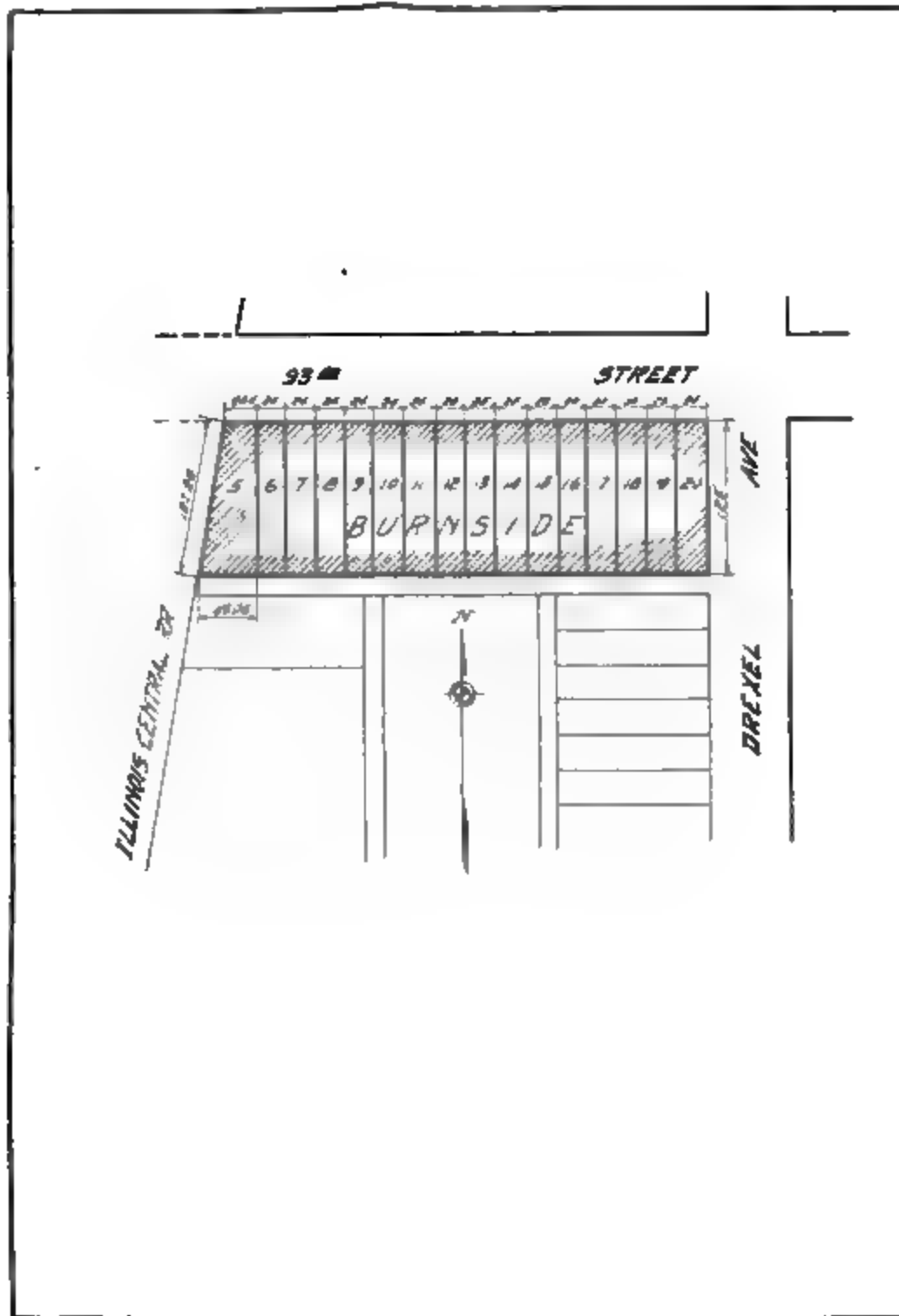
Property at Old Power House, Stony Island Ave.

Lots twelve (12), sixteen (16), seventeen (17), eighteen (18), nineteen (19) and twenty (20), block eleven (11), Calumet and Chicago Canal & Dock Company's subdivision of that part of S. E.  $\frac{1}{4}$ , section 2, T. 37 N., R. 14, east of 3d P. M., lying east of the N. Y. C. & St. L. R. R. and north of C. & W. I. R. R.

Lot ten (10), block ten (10), Calumet and Chicago Canal & Dock Company's subdivision of part S. E.  $\frac{1}{4}$ , section 2, T. 37 N., R. 14, east of 3d P. M. (N. B. of I.).

South 25 feet of lot "D," Calumet and Chicago Canal & Dock Company's subdivision of part of S. E.  $\frac{1}{4}$ , section 2, T. 37 N., R. 14, east of 3d P. M.

Value, exclusive of improvements.....\$6,000.00

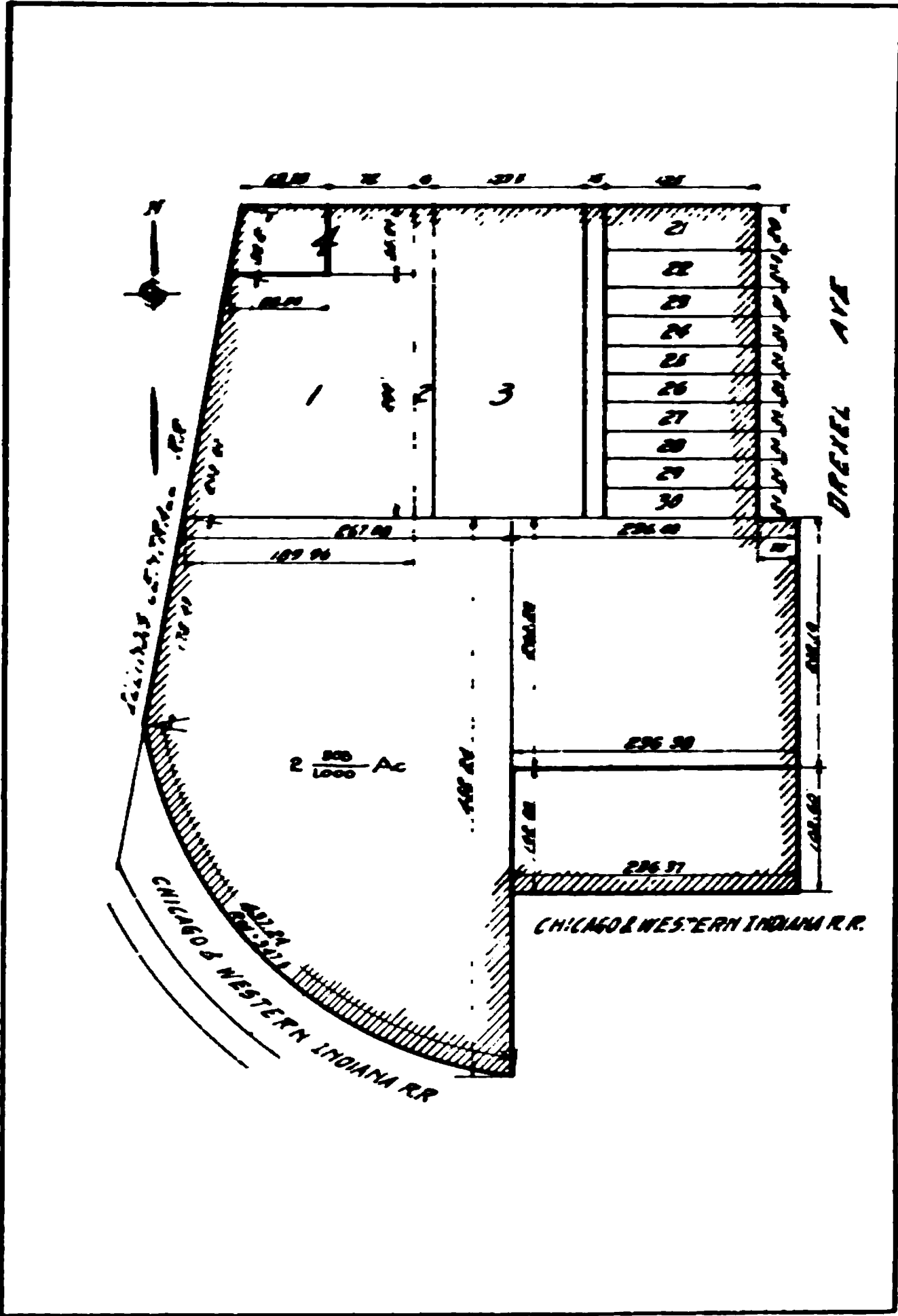


PLAT VI.

New Car Barn Property (1897).

Lots five (5), six (6), seven (7), eight (8), nine (9), ten (10), eleven (11), twelve (12), thirteen (13), fourteen (14), fifteen (15), sixteen (16), seventeen (17), eighteen (18), nineteen (19) and twenty (20) of Burnside addition, in S. W.  $\frac{1}{4}$  of S. W.  $\frac{1}{4}$  section 2, T. 37 N., R. 14, east of 3d P. M. (N. B. of I.)

Value, exclusive of improvements.....\$11,171.00



PLAT VII.

Burnside Property.

Lots one (1), two (2), three (3), four (4), twenty-one (21), twenty-two (22), twenty-three (23), twenty-four (24), twenty-five (25), twenty-six (26), twenty-seven (27), twenty-eight (28), twenty-nine (29) and thirty (30) of Burnside addition in S. W.  $\frac{1}{4}$  of S. W.  $\frac{1}{4}$ , section 2, T. 37 N., R. 14, east of 3d P. M. Also property south of and adjoining same.

Value, exclusive of improvements.....\$63,627.00

**EXHIBIT VIII.**  
**TOOLS, MATERIALS, SUPPLIES**  
**AND FURNITURE**



**EXHIBIT VIII.**

**TOOLS, MATERIALS AND FURNITURE.**

These lists were furnished by the Calumet Electric Street Railway Company. They have been checked in a general way and accepted for this inventory.

**SUMMARY.**

Material in store room.....		\$25,710.07
Tools and supplies in power house.....		5,158.56
Patterns .....		7,657.75
Tools and supplies in barn and shop.....	\$ 4,947.88	
Tools and supplies in armature room.....	6,747.28	
Tools and supplies in machine shop.....	3,291.58	
Tools and supplies in blacksmith shop.....	2,534.19	
Tools and supplies in paint shop.....	207.05	
Tools and supplies in glass house.....	405.56	
Tools and supplies in yard back of shop....	3,843.85	
Tools and supplies in lumber shed.....	2,250.51	
Tools and supplies in car shops.....	203.00	
Tools and supplies on rolling stock.....	492.80	
Tools and supplies in oil house.....	135.42	
	<hr/>	
	\$25,059.12	25,059.12
Tools and supplies in terminal station.....	\$ 262.22	
Tools and supplies in miscellaneous waiting rooms .....	108.75	
	<hr/>	
	\$ 370.97	370.97
Supplies in office building.....		2,075.92
Tools and supplies in track and line dept....		54,738.70
		<hr/>
Total.....		<b>\$120,771.09</b>

# 410 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## MATERIAL IN STOREROOM.

			Present Value.
43	$\frac{3}{8}$ in. x $1\frac{1}{2}$ in.	lag screws.....\$	.25
38	$\frac{3}{8}$ in. x 2 in.	lag screws.....	.24
47	$\frac{3}{4}$ in. x 4 in.	lag screws.....	.59
29	$\frac{1}{4}$ in. x 3 in.	lag screws.....	.32
58	$\frac{1}{8}$ in. x 2 in.	lag screws.....	.30
102	$\frac{3}{8}$ in. x 3 in.	lag screws.....	.81
50	$\frac{5}{8}$ in. x 3 in.	lag screws.....	.50
47	$\frac{5}{8}$ in. x 4 in.	lag screws.....	.63
82	$\frac{3}{8}$ in. x 4 in.	lag screws.....	.73
134	$\frac{3}{8}$ in. x $2\frac{1}{2}$ in.	lag screws.....	1.03
84	$\frac{1}{2}$ in. x 4 in.	lag screws.....	1.05
153	$\frac{1}{2}$ in. x 3 in.	lag screws.....	1.70
60	$\frac{1}{2}$ in. x 6 in.	lag screws.....	.94
45	$\frac{1}{2}$ in. x 5 in.	lag screws.....	.64
86	$\frac{1}{2}$ in. x 7 in.	lag screws.....	1.42
15	inner globes, No. 17.....		3.00
5	yd. painter's sign linen.....		1.25
365	$\frac{5}{8}$ yd. 8 oz. 30 in. canvas duck.....		4.42
7	$\frac{1}{2}$ yd. 12 oz. 30 in. canvas duck.....		1.35
11	yd. 14 oz. 60 in. canvas duck.....		5.80
135	$\frac{1}{4}$ in. x 1 in.	machine bolts.....	.49
150	$\frac{1}{4}$ in. x $1\frac{1}{2}$ in.	machine bolts.....	.57
114	$\frac{1}{4}$ in. x 2 in.	machine bolts.....	.49
161	$\frac{1}{4}$ in. x $2\frac{1}{2}$ in.	machine bolts.....	.66
53	$\frac{1}{4}$ in. x 3 in.	machine bolts.....	.26
107	$\frac{1}{4}$ in. x $3\frac{1}{2}$ in.	machine bolts.....	.65
44	$\frac{1}{4}$ in. x 4 in.	machine bolts.....	.29
211	$\frac{1}{8}$ in. x $1\frac{1}{2}$ in.	machine bolts.....	1.27
97	$\frac{3}{8}$ in. x 1 in.	machine bolts.....	.52
143	$\frac{3}{8}$ in. x $1\frac{1}{2}$ in.	machine bolts.....	1.20
178	$\frac{3}{8}$ in. x 2 in.	machine bolts.....	.56
93	$\frac{1}{4}$ in. x 1 in.	carriage bolts.....	.17
16	$\frac{1}{4}$ in. x $1\frac{1}{4}$ in.	carriage bolts.....	.13
106	$\frac{1}{4}$ in. x 2 in.	carriage bolts.....	.24
91	$\frac{1}{4}$ in. x $2\frac{1}{2}$ in.	carriage bolts.....	.27
18	$\frac{1}{4}$ in. x 3 in.	carriage bolts.....	.05
100	$\frac{1}{4}$ in. x $3\frac{1}{2}$ in.	carriage bolts.....	.30
98	$\frac{1}{4}$ in. x 4 in.	carriage bolts.....	.31
88	$\frac{1}{4}$ in. x $4\frac{1}{2}$ in.	carriage bolts.....	.30
49	$\frac{1}{4}$ in. x 5 in.	carriage bolts.....	.18
174	$\frac{3}{8}$ in. x $2\frac{1}{2}$ in.	machine bolts.....	1.06
67	$\frac{3}{8}$ in. x $3\frac{1}{2}$ in.	machine bolts.....	.43
118	$\frac{3}{8}$ in. x 4 in.	machine bolts.....	.97
64	$\frac{3}{8}$ in. x $4\frac{1}{2}$ in.	machine bolts.....	.64
40	$\frac{3}{8}$ in. x 5 in.	machine bolts.....	.37
115	$\frac{3}{8}$ in. x $5\frac{1}{2}$ in.	machine bolts.....	1.32
99	$\frac{3}{8}$ in. x 6 in.	machine bolts.....	1.19
100	$\frac{3}{8}$ in. x $6\frac{1}{2}$ in.	machine bolts.....	1.32
122	$\frac{3}{8}$ in. x 7 in.	machine bolts.....	1.48
30	$\frac{3}{8}$ in. x $7\frac{1}{2}$ in.	machine bolts.....	.39
27	$\frac{3}{8}$ in. x 8 in.	machine bolts.....	.36
56	$\frac{3}{8}$ in. x 9 in.	machine bolts.....	.90
2	$\frac{1}{8}$ in. x $1\frac{1}{2}$ in.	carriage bolts.....	.01
26	$\frac{1}{8}$ in. x 2 in.	carriage bolts.....	.11
17	$\frac{1}{8}$ in. x $6\frac{1}{2}$ in.	carriage bolts.....	.11
50	$\frac{1}{8}$ in. x 7 in.	carriage bolts.....	.34
150	$\frac{1}{2}$ in. x 1 in.	machine bolts.....	1.60
85	$\frac{1}{2}$ in. x $1\frac{1}{2}$ in.	machine bolts.....	.90

Material in Storeroom—Continued.

					Present Value.
50	1/2 in.	x 12	in. machine bolts.....	\$	1.43
80	1/2 in.	x 2	in. machine bolts.....		.96
235	1/2 in.	x 2 1/2	in. machine bolts.....		3.22
54	1/2 in.	x 3	in. machine bolts.....		.73
162	1/2 in.	x 3 1/2	in. machine bolts.....		2.48
90	1/2 in.	x 4	in. machine bolts.....		1.32
20	1/2 in.	x 4 1/2	in. machine bolts.....		.35
48	1/2 in.	x 5	in. machine bolts.....		.86
96	1/2 in.	x 5 1/2	in. machine bolts.....		1.72
1	1/2 in.	x 6	in. machine bolt.....		.02
10	1/2 in.	x 6 1/2	in. machine bolts.....		.13
32	3/8 in.	x 1	in. carriage bolts.....		.12
56	3/8 in.	x 1 1/2	in. carriage bolts.....		.21
312	3/8 in.	x 2	in. carriage bolts.....		1.24
443	3/8 in.	x 2 1/2	in. carriage bolts.....		1.91
39	3/8 in.	x 3	in. carriage bolts.....		.20
79	3/8 in.	x 3 1/2	in. carriage bolts.....		.41
1	3/8 in.	x 4	in. carriage bolt.....		.01
41	3/8 in.	x 4 1/2	in. carriage bolts.....		.24
34	3/8 in.	x 5	in. carriage bolts.....		.11
12	3/8 in.	x 6	in. carriage bolts.....		.08
41	3/8 in.	x 6 1/2	in. carriage bolts.....		.30
71	3/8 in.	x 7	in. carriage bolts.....		.56
47	1/2 in.	x 7	in. machine bolts.....		.67
35	1/2 in.	x 7 1/2	in. machine bolts.....		.53
23	1/2 in.	x 8	in. machine bolts.....		.50
100	1/2 in.	x 8	in. machine bolts.....		2.17
50	1/2 in.	x 8 1/2	in. machine bolts.....		1.25
97	1/2 in.	x 9	in. machine bolts.....	}	7.59
205	1/2 in.	x 9 1/2	in. machine bolts.....		
136	1/2 in.	x 10	in. machine bolts.....		3.20
7	1/2 in.	x 11	in. machine bolts.....		.19
56	1/2 in.	x 12 1/2	in. machine bolts.....		1.66
105	3/8 in.	x 8	in. carriage bolts.....		.86
22	3/8 in.	x 8 1/2	in. carriage bolts.....		.22
35	3/8 in.	x 9	in. carriage bolts.....		.36
25	3/8 in.	x 9 1/2	in. carriage bolts.....		.26
50	3/8 in.	x 10	in. carriage bolts.....		.71
5	3/8 in.	x 11	in. carriage bolts.....		.06
127	1/2 in.	x 1	in. carriage bolts.....		.91
51	1/2 in.	x 2	in. carriage bolts.....		.53
44	1/2 in.	x 13	in. machine bolts.....		.77
277	5/8 in.	x 2	in. machine bolts.....		4.86
277	5/8 in.	x 2 1/2	in. machine bolts.....		5.19
237	5/8 in.	x 3	in. machine bolts.....		4.69
92	5/8 in.	x 3 1/2	in. machine bolts.....		2.06
20	5/8 in.	x 4	in. machine bolts.....		.47
99	5/8 in.	x 5	in. machine bolts.....		2.31
43	5/8 in.	x 6	in. machine bolts.....		1.10
16	5/8 in.	x 6 1/2	in. machine bolts.....		.48
50	1/2 in.	x 2 1/2	in. carriage bolts.....		.53
100	1/2 in.	x 3	in. carriage bolts.....		1.06
50	1/2 in.	x 3 1/2	in. carriage bolts.....		.57
117	1 in.	x 4	in. machine bolts.....		6.70
69	1/2 in.	x 4 1/2	in. carriage bolts.....		.84
88	1/2 in.	x 5	in. carriage bolts.....		1.14
77	1/2 in.	x 5 1/2	in. carriage bolts.....		1.05
17	1/2 in.	x 6 1/2	in. carriage bolts.....		.25



# 412 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued.

						Present Value.
18	$\frac{3}{4}$ in.	x	5	in. machine bolts.....	\$	.64
21	$\frac{5}{8}$ in.	x	7	in. machine bolts.....		.42
76	$\frac{5}{8}$ in.	x	8	in. machine bolts.....		2.42
16	$\frac{5}{8}$ in.	x	9	in. machine bolts.....		.58
163	$\frac{5}{8}$ in.	x	10	in. machine bolts.....		6.76
4	$\frac{5}{8}$ in.	x	10 $\frac{1}{2}$	in. machine bolts.....		.16
1	$\frac{5}{8}$ in.	x	11	in. machine bolt.....		.04
7	$\frac{5}{8}$ in.	x	11 $\frac{1}{2}$	in. machine bolts.....		.30
42	$\frac{5}{8}$ in.	x	12	in. machine bolts.....		1.64
16	$\frac{5}{8}$ in.	x	14	in. machine bolts.....		.78
32	$\frac{1}{2}$ in.	x	7	in. carriage bolts.....		.56
8	$\frac{1}{2}$ in.	x	7 $\frac{1}{2}$	in. carriage bolts.....		.14
27	$\frac{1}{2}$ in.	x	8	in. carriage bolts.....		.52
27	$\frac{1}{2}$ in.	x	10	in. carriage bolts.....		.60
7	$\frac{1}{2}$ in.	x	12	in. carriage bolts.....		.12
132	$\frac{1}{2}$ in.	x	12	in. machine bolts.....		3.00
93	$\frac{3}{4}$ in.	x	2 $\frac{1}{2}$	in. machine bolts.....		2.40
173	$\frac{3}{4}$ in.	x	3	in. machine bolts.....		4.93
92	$\frac{3}{4}$ in.	x	4	in. machine bolts.....		2.97
37	$\frac{3}{4}$ in.	x	4 $\frac{1}{2}$	in. machine bolts.....		1.26
36	$\frac{3}{4}$ in.	x	5 $\frac{1}{2}$	in. machine bolts.....		1.25
117	1 $\frac{1}{8}$ in.	hex. nuts	.....	.....		12.95
48	$\frac{7}{8}$ in.	x	1	in. carriage bolts.....		.32
4	$\frac{7}{8}$ in.	x	1 $\frac{1}{2}$	in. carriage bolts.....		.03
32	$\frac{7}{8}$ in.	x	2	in. carriage bolts.....		.25
103	$\frac{7}{8}$ in.	x	2 $\frac{1}{2}$	in. carriage bolts.....		.87
40	$\frac{7}{8}$ in.	x	3	in. carriage bolts.....		.36
7	$\frac{7}{8}$ in.	x	3 $\frac{1}{2}$	in. carriage bolts.....		.07
1	$\frac{7}{8}$ in.	x	4	in. carriage bolt .....		.01
35	$\frac{7}{8}$ in.	x	4 $\frac{1}{2}$	in. carriage bolts.....		.35
53	$\frac{3}{4}$ in.	x	6 $\frac{1}{2}$	in. machine bolts.....		2.15
29	$\frac{3}{4}$ in.	x	7	in. machine bolts.....		1.08
56	$\frac{3}{4}$ in.	x	7 $\frac{1}{2}$	in. machine bolts.....		2.43
80	$\frac{3}{4}$ in.	x	8	in. machine bolts.....		3.42
114	$\frac{3}{4}$ in.	x	8 $\frac{1}{2}$	in. machine bolts.....		5.03
112	$\frac{3}{4}$ in.	x	9	in. machine bolts.....		5.02
26	$\frac{3}{4}$ in.	x	9 $\frac{1}{2}$	in. machine bolts.....		1.30
22	$\frac{3}{4}$ in.	x	10	in. machine bolts.....		.78
34	$\frac{3}{4}$ in.	x	10 $\frac{1}{2}$	in. machine bolts.....		1.45
14	$\frac{7}{8}$ in.	x	5	in. carriage bolts.....		.16
34	G. E. motor bolts,	1 in. x	3 $\frac{3}{8}$ in.	.....		8.50
2	$\frac{7}{8}$ in.	x	7	in. carriage bolts.....		.02
29	$\frac{5}{8}$ in.	x	1 $\frac{1}{2}$	in. carriage bolts.....		.35
64	$\frac{5}{8}$ in.	x	2	in. carriage bolts.....		1.13
72	$\frac{3}{4}$ in.	x	11	in. machine bolts.....		3.50
62	$\frac{3}{4}$ in.	x	12	in. machine bolts.....		3.45
50	$\frac{3}{4}$ in.	x	13	in. machine bolts.....		2.62
6	$\frac{3}{4}$ in.	x	14	in. machine bolts.....		.40
50	$\frac{3}{4}$ in.	x	14	in. machine bolts.....		2.92
18	$\frac{3}{4}$ in.	x	15	in. machine bolts.....		1.24
9	$\frac{3}{4}$ in.	x	4 $\frac{1}{4}$	in. machine bolts.....		.38
29	$\frac{3}{4}$ in.	x	4 $\frac{1}{4}$	in. crown nuts.....		1.23
20	keeper bolt nuts	.....	.....	.....		5.00
50	$\frac{5}{8}$ in.	x	13	in. machine bolts.....		2.02
39	1 $\frac{1}{2}$ in.	oil cellar plugs	.....	.....		1.95
34	$\frac{3}{4}$ in.	x	18	in. carriage bolts.....		2.69
17	Brill rocker casting nuts,	No. 5521	.....	.....		1.70
50	1 in.	x	3	in. machine bolts.....		2.64

Material in Storeroom.—Continued.

			Present Value.
1	1 in. x 12	in. machine bolt .....\$	.11
23	1 in. x 3	in. machine bolts.....	1.20
58	1 in. x 3½	in. machine bolts.....	1.26
118	7/8 in. x 4	in. machine bolts.....	5.50
39	7/8 in. x 5	in. machine bolts.....	1.76
50	7/8 in. x 6	in. machine bolts.....	2.49
77	7/8 in. x 7	in. machine bolts.....	4.37
143	7/8 in. x 8	in. machine bolts.....	9.01
43	¾ in. x 20	in. machine bolts.....	1.84
100	7/8 in. x 10	in. machine bolts.....	6.64
60	7/8 in. x 12	in. machine bolts.....	4.53
100	1 in. x 12	in. machine bolts.....	10.08
1	5/8 in. x 7	in. carriage bolt.....	.02
14	5/8 in. x 8	in. carriage bolts.....	.28
100	7/8 in. x 3	in. machine bolts.....	3.73
19	7/8 in. x 5½	in. G. E. 800 bolts No. 14,782.....	2.85
30	7/8 in. x 4	in. G. E. 800 bolts No. 14,782.....	3.00
19	set screws for G. E. 70 axle collars No. 17,983.....		6.65
87	4½ in. x 7/8 in.	machine bolts.....	3.74
100	4½ in. x 7/8 in.	machine bolts.....	4.90
100	½ in. x 2¾ in.	machine bolts.....	6.82
38	1 in. x 5	in. machine bolts.....	2.71
33	7/8 in. nuts, corrugated top, for Brill.....		.23
50	7/8 in. nuts, corrugated top, for Brill.....		5.00
50	5/8 in. x 10	in. machine bolts.....	2.32
50	5/8 in. x 11	in. machine bolts.....	2.43
6	5/8 in. x 13	in. carriage bolts.....	.16
16	¾ in. x 2½ in.	in. carriage bolts.....	.41
100	¾ in. x 2½ in.	in. carriage bolts.....	2.46
24	side bearing set screws.....		2.40
10	break heads, Curtis screws.....		9.00
97	break heads, B. 18½ screws.....		64.51
19	break heads, B. 18¼ screws.....		9.88
1	2 in. rawhide pinion.....		9.00
51	1 in. x 10 in.	machine bolts.....	5.17
13	G. E. 70 motor pinions.....		39.00
50	G. E. 70 motor pinions.....		160.00
4	2 in. straight bore bevelled pinions.....		19.60
1	G. E. 800 straight pinion.....		3.00
7	taper steel pinions.....		11.55
40	G. E. taper pinions.....		74.00
354	1/8 in. x ½ in.	stove bolts.....	.40
203	1/8 in. x ¾ in.	stove bolts.....	.26
310	1/8 in. x 1	in. stove bolts.....	.50
368	1/8 in. x 1¼ in.	stove bolts.....	.52
406	1/8 in. x 1½ in.	stove bolts.....	.65
489	1/8 in. x 2	in. stove bolts.....	.83
35	1/8 in. x 2½ in.	stove bolts.....	.08
210	1/8 in. x 3	in. stove bolts.....	.36
186	¼ in. x. ½ in.	stove bolts.....	.20
900	¼ in. x ¾ in.	stove bolts.....	1.54
75	¼ in. x 1	in. stove bolts.....	.14
300	¼ in. x 1¼ in.	stove bolts.....	.63
106	¼ in. x 1½ in.	stove bolts.....	.23
429	¼ in. x 2	in. stove bolts.....	.64
53	¼ in. x 4½ in.	stove bolts.....	.10
300	¼ in. x 2½ in.	stove bolts.....	.54
56	¼ in. x 3	in. stove bolts.....	.10

# 414 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued.

		Present Value.
129	$\frac{5}{8}$ in. x 1 in. stove bolts.....\$	.25
61	$\frac{1}{4}$ in. x $3\frac{1}{2}$ in. stove bolts.....	.12
115	$\frac{3}{8}$ in. x 2 in. stove bolts.....	.44
155	$\frac{5}{8}$ in. x $2\frac{1}{4}$ in. stove bolts.....	.85
143	$\frac{3}{8}$ in. x $2\frac{1}{2}$ in. stove bolts.....	.80
29	pairs register cord couplers .....	4.06
2	lb. $\frac{1}{4}$ in. x $1\frac{1}{2}$ in. iron rivets.....	.11
48	lb. $\frac{7}{8}$ in. blank nuts.....	1.44
20	lb. $\frac{3}{8}$ in. square tapped nuts.....	1.65
$6\frac{1}{2}$	lb. $\frac{7}{8}$ in. square tapped nuts.....	.49
5	lb. $1\frac{1}{2}$ in. square tapped nuts.....	.29
53	lb. $\frac{3}{8}$ in. square tapped nuts.....	2.38
6	lb. $\frac{5}{8}$ in. machine nuts.....	.12
75	$\frac{5}{8}$ in. check nuts .....	.75
$4\frac{3}{4}$	lb. $\frac{3}{8}$ in. hex. tapped nuts.....	.52
46	lb. $\frac{1}{2}$ in. hex. tapped nuts.....	3.40
30	1 in. hex. check nuts.....	.90
36	$\frac{3}{4}$ in. square blank nuts.....	1.98
96	$1\frac{1}{4}$ in. check nuts.....	.96
80	lb. $1\frac{1}{8}$ in. hex. nuts .....	5.00
10	lb. $2\frac{1}{2}$ in. x 3 in. steel nuts.....	.16
$14\frac{1}{2}$	lb. $\frac{3}{4}$ in. x $1\frac{1}{2}$ in. and $\frac{3}{4}$ in. x $2\frac{1}{2}$ in. cone head rivets	.44
$6\frac{1}{2}$	lb. $\frac{5}{8}$ in. hex. nuts .....	.39
$20\frac{1}{2}$	lb. $\frac{7}{8}$ in. hex. tapped nuts .....	1.23
50	lb. $\frac{7}{8}$ in. hex. tapped nuts.....	3.13
$29\frac{1}{2}$	lb. $\frac{7}{8}$ in. square tapped nuts.....	1.48
$21\frac{1}{4}$	lb. $\frac{3}{4}$ in. hex. tapped nuts.....	1.33
$20\frac{1}{2}$	lb. $\frac{5}{8}$ in. hex. tapped nuts.....	1.49
$23\frac{1}{2}$	lb. 1 in. hex. tapped nuts.....	1.53
50	lb. 1 in. hex. tapped nuts.....	3.10
48	lb. 1 in. square tapped nuts.....	2.35
67	lb. $\frac{3}{4}$ in. tapped nuts .....	3.15
$3\frac{1}{4}$	lb. $\frac{1}{4}$ in. x $1\frac{1}{4}$ in. tapped nuts.....	.15
9	lb. tinned rivets.....	.87
50	lb. $\frac{5}{8}$ in. x $\frac{7}{32}$ in. tinned rivets.....	3.00
$1\frac{1}{2}$	lb. $1\frac{1}{2}$ in. No. 3 black iron rivets.....	.09
9	lb. $\frac{3}{4}$ in. x $\frac{5}{8}$ in. black iron rivets.....	.52
$9\frac{1}{4}$	lb. $\frac{1}{2}$ in. x 6 in. black iron rivets.....	.51
$4\frac{1}{2}$	lb. $\frac{5}{8}$ in. x 2 in. black iron rivets.....	.63
5	lb. $\frac{5}{8}$ in. x 3 in. iron rivets.....	.25
5	lb. $\frac{1}{4}$ in. x 3 in. iron rivets.....	.26
$1\frac{1}{2}$	lb. $\frac{3}{4}$ in. No. 8 copper rivets.....	.73
5	lb. $\frac{5}{8}$ in. No. 8 copper rivets.....	1.38
$23\frac{1}{4}$	lb. $\frac{3}{8}$ in. x $1\frac{1}{2}$ in. iron rivets.....	1.16
3	lb. No. 10 copper rivets (assorted).....	.90
$7\frac{1}{2}$	lb. $\frac{1}{4}$ in. x $\frac{3}{4}$ in. round head rivets.....	.41
$9\frac{1}{2}$	lb. $\frac{5}{8}$ in. x $\frac{5}{8}$ in. rivets .....	.43
$14\frac{1}{4}$	lb. $\frac{1}{4}$ in. x 1 in. flat head rivets.....	.75
10	lb. $\frac{5}{8}$ in. x 1 in. iron rivets .....	.55
$5\frac{3}{4}$	lb. $\frac{1}{4}$ in. x 1 in. iron rivets.....	.30
$12\frac{1}{4}$	lb. $\frac{1}{4}$ in. x 2 in. iron rivets.....	.64
$1\frac{1}{2}$	lb. $\frac{1}{2}$ in. x $\frac{1}{4}$ in. iron rivets.....	.08
$1\frac{1}{2}$	lb. $\frac{5}{8}$ in. x $1\frac{1}{2}$ in. iron rivets.....	.09
2	lb. $\frac{5}{8}$ in. x $1\frac{1}{4}$ in. iron rivets.....	.12
$10\frac{1}{2}$	lb. $\frac{5}{8}$ in. x $1\frac{1}{2}$ in. iron rivets.....	.60
$14\frac{3}{4}$	lb. $\frac{1}{2}$ in. x $1\frac{1}{2}$ in. iron rivets.....	.81
11	lb. $\frac{3}{8}$ in. x 2 in. iron rivets.....	.58
16	lb. $\frac{3}{8}$ in. x 1 in. iron rivets, cone head.....	.83

Material in Storeroom.—Continued.

	Present Value.
24 brake dogs .....	\$ .96
19¼ lb. ¾ in. x ⅞ in. iron rivets.....	1.06
7¼ lb. ¼ in. flat cut washers.....	.58
10½ lb. ⅞ in. flat cut washers.....	.67
76½ lb. ½ in. x 2 in. iron rivets.....	4.21
20 lb. ¾ in. flat cut washers.....	1.20
256 lb. ¾ in. steel lock washers.....	1.02
20½ lb. ½ in. x 3 in. iron rivets.....	.72
7¾ lb. ½ in. x 2½ in. iron rivets.....	.27
28 lb. ½ in. flat-cut washers .....	1.19
896 lb. steel lock washers .....	3.58
289 lb. ⅝ in. x 2 in. iron rivets.....	13.01
78 lb. ⅝ in. x 1½ in. iron rivets.....	3.12
44¾ lb. ⅝ in. flat cut washers.....	1.79
980 lb. steel lock washers .....	4.41
48 lb. ⅝ in. x 2½ in. iron rivets.....	2.64
20 lb. ⅝ in. x 2¼ in. iron rivets.....	1.00
22 lb. ¾ in. flat cut washers.....	.80
647 lb. ¾ in. steel lock washers.....	4.37
60 lb. ⅝ in. x 3 in. iron rivets.....	3.00
10¾ lb. ⅝ in. x 2¾ in. iron rivets.....	.38
18½ lb. ⅞ in. flat cut washers.....	.65
671 lb. ⅞ in. steel lock washers.....	4.70
248 lb. ¾ in. x 3 in. iron rivets.....	11.16
24 lb. ¾ in. x 2¾ in. iron rivets.....	.84
43½ lb. 1 in. flat cut washers.....	1.63
36 G. E. 70 lock washers.....	.72
22 lb. ¾ in. x 4 in. iron rivets.....	.77
59 lb. ¾ in. x 3½ in. iron rivets.....	2.21
77 lb. ⅞ in. x 3 in. iron rivets.....	4.24
32 lb. ⅞ in. x 4 in. iron rivets.....	1.60
911 1 in. steel lock washers.....	6.60
10 St. Louis oil box covers.....	1.00
60 ratchet drills .....	9.00
18 G. E. 52 gear case lids.....	6.75
13 G. E. 800 gear case lids.....	4.88
42 grease box hinges .....	4.20
42 grease box covers S. 14.....	10.00
10 rag brush holders, complete.....	1.00
92 3 in. flat lamp wicks.....	.38
132 2 in. flat lamp wicks.....	.32
115 1 in. flat lamp wicks.....	.19
16 brush holder cap nuts.....	8.00
165 truss plates .....	10.07
18 hard rubber washers .....	4.50
40 circular lamp wicks .....	.42
16 window guard brackets.....	8.32
512 copper troughs .....	30.72
4 machine washers .....	.40
87 bell cord guides .....	6.09
243 curtain brackets .....	7.29
22 G. E. 70 gear case lids No. 34,099.....	13.75
3 1 in. x 5 in. x ⅜ in. discs for com. cylinders.....	.75
22 brush holder nuts .....	11.00
63 bushings for door hinges.....	1.89
24 ¼ in. x 3¼ in. x 7¼ in. slate.....	4.80
18 sleeves for door hangers.....	2.70
13 terminal lugs .....	2.47

# 416 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom.—Continued.

	Present Value.
10¼ rolled sheet copper .....	\$ 3.90
50 dynamo fuses .....	9.50
10 gear case lead springs.....	.50
11 Edison key drop sockets.....	2.20
8 Hart snap switches 20 amp. 500 v.....	7.48
4 canopy switch plates .....	1.00
838 seat rubbers .....	25.14
48 7½ h. p. motor carbon brushes.....	2.88
1,985 small brass cleats .....	19.85
70 large brass cleats .....	1.14
31 No. 34,080—1 in. x 4¾ in. G. E. No. 70 bolts.....	6.20
9 brass dash grab handles.....	9.45
6 snap switches 3 way .....	3.30
76 brass window finger lifts.....	6.08
20 brass window strap lates .....	1.60
8 trolley washers .....	2.00
10 hook finger sash lifts .....	4.50
3 lb. fuse wise 100-amp.....	1.05
406 trolley wheel bushings.....	40.60
5 door hangers, Lamokin .....	3.75
6 Chisholm "Peerless" commutator compound.....	1.50
7 St. Louis door hangers.....	13.23
125 50 amp. 25-A. 12-A. 3-A. 500 v. fuses.....	23.75
9½ lb. ½ in. x ¾ in. round head rivets.....	.43
121 rubber motor shells insulators.....	6.05
35 lb. 1½ in. x 4½ in. cut mica.....	26.25
5 pivot bolts .....	.12
292 car fuse strips .....	5.82
150 2 way brass connectors.....	8.10
15 grab handles .....	15.75
234 sliding door latches .....	74.88
6 W. P. 50 inside mica rings.....	2.55
103 wire connectors .....	1.80
30 1½ lock washers .....	3.00
100 1½ lock washers .....	3.00
42 hex. nuts for grab handles.....	4.20
21 G. E. 52 filed bolts ⅞ in. x 3¾ in.....	2.10
9 key wall sockets .....	1.98
1 brush holder W. P. No. 30.....	1.25
1 brush holder W. P. No. 50.....	1.25
136 ⅞ in. national lock washers.....	1.56
10 G. E. 800 inner mica cones No. 17,156.....	7.50
4 G. E. 54 inner mica cones No. 55,795.....	2.60
6 G. E. 54 inner mica cones No. 55,797.....	3.90
2 bodies for T. H. brush yokes.....	.20
15 No. 11,511—switches .....	8.91
32 keyless drop sockets .....	6.14
12 rubber socket rings .....	.24
17 No. 24,668 3 way plate lock washers.....	.54
228 1 in. lock washers No. 24,686.....	2.39
3 G. E. 52 No. 14,541 wide out mica cones.....	.12
13 No. 17,157 G. E. 800 narrow mica cones.....	9.75
5 No. 17,120-17,122 G. E. 800 wide outer mica cones.....	3.75
18 drop light plugs .....	2.16
2 G. E. 52—narrow outer mica cones.....	2.25
3 G. E. 52—inner mica cones.....	1.13
1 G. E. 70 bolt 1 in. x 4⅞ in.....	.15
27 G. E. 70 cap screws 1 in. x 4½ in.....	4.05

Material in Storeroom.—Continued.

		Present Value.
18	iron truck numbers.....\$	2.70
663	armature sticks W. P. 30 .....	3.98
21	tips for G. E. 80 motor leads.....	7.88
21	motor lid catches, bases.....	5.25
23	motor lid springs .....	.35
1,560	rail bond caps.....	23.40
72	lb. $\frac{5}{8}$ in. x 4 in. cone hd. rivets.....	2.88
17	pedestal springs $\frac{1}{2}$ in. x $2\frac{1}{2}$ in. x 3 in.....	5.95
4	C. C. 2 bottom straps.....	4.00
19	barn hangers .....	5.13
200	barn hangers .....	50.00
8	Curtis pedestal springs.....	1.60
25	Curtis axle keys .....	8.00
223	$\frac{1}{2}$ in. x 15 in. eye bolts.....	19.00
14	side car steps .....	6.74
135	$\frac{5}{8}$ in. x $4\frac{1}{2}$ in. cone head rivets.....	5.40
43	A. S. 5 and A. S. 6 knuckle castings.....	3.44
45	brake shoe hangers .....	22.50
6	truck frame corner irons.....	4.02
5	No. 45 McGuire casting .....	1.50
288	$\frac{3}{4}$ in. No. 8 F. 26 iron screws.....	.19
720	$\frac{3}{4}$ in. No. 8 F. 26 iron screws.....	.47
576	$\frac{3}{4}$ in. No. 6 screws.....	.34
720	$\frac{1}{2}$ in. No. 6 screws.....	.41
648	$\frac{1}{2}$ in. No. 7 screws.....	.38
230	$\frac{1}{2}$ in. No. 8 screws.....	.09
575	$\frac{5}{8}$ in. No. 8 screws.....	.37
720	1 in. No. 6 screws.....	.47
1,728	$\frac{7}{8}$ in. No. 8 screws.....	1.16
864	$\frac{7}{8}$ in. No. 10 screws.....	.70
442	$\frac{3}{4}$ in. No. 10 screws.....	.33
586	$\frac{3}{8}$ in. No. 8 screws.....	.39
318	$\frac{3}{4}$ in. No. 7 screws.....	.21
432	1 in. No. 14 screws.....	.52
1,008	1 in. No. 12 screws.....	.99
288	1 in. No. 10 screws.....	.24
1,584	1 in. No. 8 screws.....	1.19
576	1 in. No. 7 screws.....	.40
864	$1\frac{1}{4}$ in. No. 14 screws.....	1.16
576	$1\frac{1}{4}$ in. No. 12 screws.....	.63
576	$1\frac{1}{4}$ in. No. 10 screws.....	.53
720	$1\frac{1}{4}$ in. No. 8 screws.....	.55
355	$1\frac{1}{4}$ in. No. 6 screws.....	.24
576	$1\frac{3}{4}$ in. No. 8 screws.....	.60
886	$1\frac{1}{2}$ in. No. 14 screws.....	1.25
1,021	$1\frac{1}{2}$ in. No. 12 screws.....	1.19
432	$1\frac{1}{2}$ in. No. 6 screws.....	.35
1,440	$1\frac{1}{2}$ in. No. 10 screws.....	1.43
192	$\frac{1}{2}$ in. No. 8 screws.....	.17
701	$2\frac{1}{2}$ in. No. 12 screws.....	1.29
720	2 in. No. 12 screws.....	.96
432	$1\frac{3}{4}$ in. No. 14 screws.....	.70
740	$1\frac{3}{4}$ in. No. 12 screws.....	.88
72	$1\frac{3}{4}$ in. No. 10 screws.....	.08
144	$2\frac{1}{8}$ in. No. 16 screws.....	.37
885	$2\frac{1}{2}$ in. No. 14 and $2\frac{1}{2}$ in. No. 20 screws.....	1.66
216	2 in. No. 14 screws.....	.38
288	4 in. No. 20 screws.....	1.40

# 418 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued.

		Present Value
288	3½ in. No. 16 screws .....	\$ 1.21
288	4 in. No. 20 screws.....	1.75
288	4 in. No. 18 screws.....	1.30
288	4 in. No. 18 screws.....	1.54
144	4 in. No. 16 screws.....	.62
144	3½ in. No. 18 screws.....	.56
432	3 in. No. 14 screws .....	1.00
144	3½ in. No. 14 iron screws .....	.38
445	3½ in. No. 20 flat head iron screws.....	2.29
864	1¼ in. No. 7 flat heat iron screws.....	1.20
720	1¼ in. No. 7 flat head iron screws.....	.56
432	4 in. No. 12 flat head screws .....	1.44
4	G. E. 70 split axle collars for 4 ft. 2 in. axle.....	6.00
6	side cutting pliers .....	3.00
4	screw drivers .....	1.00
8¾	lb. ⅜ fine hard packing.....	.88
10	single porcelain cleats .....	.15
10	gears and pinions for track jack.....	6.30
2	micanite strips, 100 K. W.....	.10
1	1¾ porcelain insulator .....	.08
36	500 amp. fuse links.....	10.80
18	300 amp. fuse links.....	4.50
14	mica cut outs for W. P. 50.....	37.73
470	side contact springs No. 5.....	28.20
1½	lb. cut mica for W. P. 40.....	3.00
74	lb. cut mica for G. E. 52.....	118.40
91	trolley harp washers .....	8.19
12	bead rings .....	12.00
7	G. E. 17249 micanite rings .....	3.71
22	feather dusters .....	3.74
90	trolley tension springs .....	12.60
2	car fuse boxes .....	7.50
5½	lb. rough field terminals .....	13.26
35	1 to 10 amp. fuse blocks, 500 v.....	11.20
16	No. 13770 gear case motor lid springs.....	1.20
37	lb. cut mica for G. E. 800 motor.....	42.55
2	trolley terminal insulators .....	.14
41	commutator bars, 100 K. W.....	29.52
404	G. E. 70 carbon brushes .....	20.97
100	commutator bars, G. E. 52.....	20.13
1,305	commutator bars, G. E. 52.....	130.50
168	commutator bars, W. P. 40.....	30.24
62	commutator bars, W. P. 30.....	10.54
644	commutator bars, G. E. 800.....	87.06
2,625	commutator bars, G. E. 800.....	261.19
3	1 in. x 1¼ in. x 2½ in. pig tail carbons.....	.60
20	powdered soap .....	3.70
88	⅝ in. x 2¾ in. x 3 in. W. P. carbon brushes.....	3.95
94	⅝ in. x 2¾ in. x 2¾ in. ray carbon brushes.....	4.24
236	G. E. 54 carbon brushes for air motor.....	9.03
1,000	G. E. 800 carbon brushes for air motor.....	25.80
314	G. E. 52 carbon brushes, ½ in. x 2½ in. x 2½ in.....	9.42
7	G. E. 54 commutator bars (115 to set).....	1.13
690	G. E. 54 commutator bars .....	51.20
22	brake rods castings No. 151-152.....	5.50
12	steel motor carbon brushes .....	.48
1	grease cup .....	.68
55	McGuire spring clips No. 391, ½ in.....	7.70

Material in Storeroom—Continued.

		Present Value
685	¼ in. x 4 in. cotter pins .....	\$ 1.70
135	3¾ in. axle bearing, G. E. 800.....	394.65
8	McGuire castings No. 92.....	2.00
19	McGuire spring castings .....	5.51
11	McGuire spring castings .....	2.75
4	McGuire spring castings .....	1.40
15	No. 34081—1½ in. x 6 in. G. E. No. 70 bolts.....	9.75
574	air motor carbons, ¾ in. x ¾ in. x 1½ in.....	14.81
8	No. 34082—1½ in. x 4¼ in. G. E. No. 70 bolts.....	4.80
50	feeder studs .....	13.00
95	iron axle collars .....	45.60
20	14 in. gong brasses .....	2.20
63	12 in. gong brasses.....	6.93
14	11 in. gong brasses .....	1.54
468	ft. No. 12 solid insulated copper wire.....	4.04
53	tops axle bearings, G. E. 70.....	21.94
51	bottoms axle bearings, G. E. 70.....	20.00
60¼	lb. bar solder .....	13.56
30	G. E. 800 motor support springs.....	11.51
4	No. 3-0—¾ in. x 4 in. rail bonds.....	1.20
36	brake rod keepers .....	3.60
7	brake rod castings, Nos. 101-102.....	1.75
475	curtain brackets .....	19.00
23	fender elbows, iron .....	5.06
18	draw bar pull castings .....	5.85
31	No. 20 ridged caps.....	1.24
74	ball equalizing springs .....	37.00
23	straps for "T" casting No. 196.....	4.25
6	castings No. A70 .....	1.50
17	brake staff castings .....	1.06
11	stirrups for St. Louis brakes.....	9.90
12	draw bar heads .....	.76
98	7/8 in. x 8 in. rail bonds.....	58.80
42	No. 33436 G. E. motor bearings, tops.....	28.98
50	No. 33436 G. E. motor bearings, bottoms.....	34.50
58	brake rod castings.....	1.16
52	draw bar stirrups .....	21.84
2	draw bar castings .....	.71
52	draw bar castings .....	15.96
7	brass dust collars .....	1.02
29	brake rod castings .....	6.38
82	long drill motor support springs.....	22.55
14	¾ in. x 2 in. set screws.....	.48
8	¾ in. x 1 in. set screws.....	.27
13	lamp jacks and springs.....	16.25
93	3/8 in. x 3 in. flat cotters .....	.23
13	¾ in. x 6 in. gas pipe nipples.....	.88
57	brake handle screws.....	.48
25	controller segments, No. 17623.....	.99
45	steel motor contact tips.....	2.70
77	face plates for register cord.....	36.96
63	½ in. x 2 in. flat cotters.....	.38
591	¼ in. x 3½ in. flat cotters.....	1.30
278	3/8 in. x 3½ in. cotter pins.....	1.46
602	3/8 in. x 3 in. cotter pins.....	3.12
185	¼ in. x 1½ in. cotter pins.....	.50
585	¼ in. x 2½ in. cotter pins.....	.96
96	1/8 in. x 2½ in. cotter pins.....	.10



# 420 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

Material in Storeroom—Continued.		Present Value.
811	$\frac{3}{8}$ in. x $2\frac{1}{2}$ in. cotter pins.....	\$ .75
491	$\frac{1}{8}$ in. x $1\frac{1}{2}$ in. cotter pins.....	.16
796	$\frac{3}{8}$ in. x $1\frac{1}{2}$ in. cotter pins.....	} 1.11
1,381	$\frac{1}{2}$ in. x 1 in. cotter pins.....	
54	$\frac{3}{8}$ in. x 2 in. cotter pins.....	.04
869	$\frac{1}{8}$ in. x 1 in. cotter pins.....	.23
296	$\frac{3}{8}$ in. x 1 in. cotter pins.....	.07
500	$\frac{3}{4}$ in. x 1 in. cotter pins.....	.11
95	$\frac{1}{2}$ in. x 1 in. set screws.....	.81
25	controller segments .....	3.27
12	$\frac{7}{8}$ in. x 1 in. set screws.....	.42
10	$\frac{7}{8}$ in. x 2 in. set screws.....	.45
7	$\frac{7}{8}$ in. x 3 in. set screws.....	.46
8	$\frac{7}{8}$ in. x 4 in. set screws.....	.44
109	adjustable collar pins .....	1.18
7	$\frac{1}{4}$ in. x 2 in. set screws.....	.04
6	$\frac{1}{4}$ in. x 1 in. set screws.....	.02
1	$\frac{1}{4}$ in. x $\frac{3}{4}$ in. set screw.....	.01
6	$\frac{3}{8}$ in. x $\frac{3}{4}$ in. set screws.....	} .29
43	$\frac{3}{8}$ in. x 1 in. set screws.....	
32	$\frac{3}{8}$ in. x $1\frac{1}{2}$ in. set screws.....	.22
70	$\frac{3}{8}$ in. x 2 in. set screws.....	.88
89	$\frac{1}{2}$ in. x $1\frac{1}{2}$ in. and $\frac{1}{2}$ in. x 2 in. set screws.....	.96
24	$\frac{1}{8}$ in. x $1\frac{1}{2}$ in. set screws.....	.28
43	$\frac{3}{8}$ in. x 1 in. and $\frac{5}{8}$ in. x $1\frac{1}{4}$ in. set screws.....	.63
10	$\frac{3}{8}$ in. x $1\frac{1}{2}$ in. set screws.....	.10
7	$\frac{5}{8}$ in. x 2 in. set screws.....	.08
2	$\frac{5}{8}$ in. x 3 in. set screws.....	.03
38	switch box segments.....	26.60
1	turnbuckle complete .....	.43
32	spring cap, axle boxes .....	.96
42	short Brill motor support springs bottoms and tops....	4.62
7	brass wearing collars.....	8.89
41	Peckham slides, No. 142.....	30.75
19	large contact plates.....	20.90
48	lava insulators .....	17.28
438	incandescent 16 c. p. lamps.....	70.08
18	tabular lantern globes.....	.68
13	pan hinges, male and female.....	3.12
8	gear case brasses.....	3.62
28	McGuire journal bearing brasses.....	23.80
3	draw bar springs.....	.75
14	Peckham journal box springs.....	6.30
62	car hood brackets.....	2.39
39	circuit breaker lugs.....	10.14
40	draw bar plates.....	4.20
168	brake staff clevis .....	3.36
23	dust collar springs.....	3.45
8	headlight chimneys .....	.47
62	Brill motor support springs washers.....	6.20
131	McGuire pedestal washers, No. 241.....	9.90
24	Field terminals and armature shaft collars, No. 17111..	2.88
38	commutator thrust rings .....	2.89
75	round pad castings, No. 148.....	} 67.10
47	square pad castings, No. 2262.....	
94	check springs .....	41.36
33	cast iron spring washers.....	1.49
32	No. 34058 G. E. 70 field bolts.....	4.48

Material in Storeroom—Continued.

		Present Value.
7	lb. dry glue .....	\$ 1.05
46	trolley wheels .....	60.86
56	Brill journal box springs.....	11.95
67	Mosher headlight globes .....	6.98
7¼	gal japan dryer .....	3.26
5	gal. armalac .....	9.07
105⅞	gal. capital varnish remover.....	14.34
15⅞	gal. coach japan .....	1.63
11½	pt. aluminum paint.....	3.30
50	lb. dry white lead .....	3.67
65	lb. oil white lead .....	4.50
25	lb. chrome yellow .....	7.50
22½	lb. powdered pumice stone .....	1.13
316½	lb. soft soap .....	18.61
16	Eureka rubbing stone .....	2.51
173	lb. dry yellow ochre .....	1.30
307	lb. brown mineral winter paint.....	2.61
1	gal. cherry stain .....	1.00
9¼	gal. dry drop black .....	1.11
35	lb. raw sienna in oil.....	8.75
56	gal. lead color truck paint.....	42.00
19	gal. roof paint .....	24.70
7	lb. Bon Ami .....	.49
21	gal. inside car varnish.....	49.35
5	gal. Koon's yellow surfacer.....	15.75
1	gal. ground varnish stain.....	2.00
1	gal. oak varnish stain.....	2.00
4	gal. drop black in japan.....	1.60
5	gal. stove enamel .....	2.50
4	lb. Tuscan red .....	.88
2	lb. Tuscan red in oil .....	.44
575	lb. car body color, light.....	172.50
10	lb. permanent yellow .....	2.10
5	lb. No. 719 Dutch pink.....	1.45
34	½ in. brush holder crown nuts.....	1.70
44	⅝ in. brush holder crown nuts.....	2.20
4	gal. lard oil .....	3.08
41½	gal. turpentine .....	22.00
3	water caps .....	.66
113	controller pointers .....	2.21
37	double check nuts .....	3.70
4	short binding posts .....	.60
775	¼ in. x 8 in. machine screws, No. 13734.....	17.44
27	commutator screws, G. E. 800, No. 13801.....	.68
10	controller reverse contact .....	4.40
20	kinø bolts and 42 pins.....	9.30
94	adjusting screws .....	1.88
17	steel wire springs .....	1.36
140	controller cover pins and nuts.....	1.75
20	fuse boxes and thumb screws, Ray controller.....	1.10
60	brush holder tension springs, G. E. 52.....	3.60
46	brush holder tension springs, G. E. 800.....	2.30
41	K. 4 contact plates .....	2.46
7	K. 4 pressure arms .....	.32
2	K. 4 contact fingers .....	.07
16	K. 4 pressure fingers .....	5.60
198	1 in. No. 12 machine screws .....	.75
61	1 in. No. 10 machine screws .....	.24

# 422 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued.

		Present Value.
23	$\frac{5}{8}$ in. No. 10 machine screws.....\$	.08
272	$\frac{3}{4}$ in. No. 12 machine screws .....	2.57
4	brass arc light screws.....	.04
102	$\frac{1}{4}$ in. No. 14 machine screws .....	.54
350	$\frac{1}{4}$ in. brass nuts.....	35.00
218	$\frac{1}{2}$ in. No. 5 machine screws .....	.28
144	$\frac{5}{8}$ in. x $1\frac{1}{4}$ in. flat head machine screws.....	1.08
56	$\frac{3}{4}$ in. x 24 in. flat head machine screws.....	.42
3	lb. $\frac{3}{4}$ in. No. 18 wire brads.....	.19
5	lb. 1 in. No. 17 wire brads.....	.25
1	lb. $1\frac{1}{2}$ in. No. 16 wire brads.....	.04
67	bell cord hooks.....	7.04
1	lb. $1\frac{3}{4}$ in. No. 14 wire brads.....	.04
2	lb. $\frac{5}{8}$ in. No. 19 wire brads.....	.16
2	lb. $\frac{1}{2}$ in. No. 20 wire brads.....	.22
55	G. E. 54 brush holder springs.....	6.88
432	$1\frac{1}{4}$ in. No. 14 blue wood screws.....	.84
1,152	$1\frac{1}{2}$ in. No. 10 blue round head wood screws.....	1.30
394	$1\frac{1}{2}$ in. No. 12 blue round head wood screws.....	.43
720	$1\frac{1}{4}$ in. No. 8 blue round head wood screws.....	1.10
	$3\frac{1}{2}$ lb. $2\frac{1}{2}$ in. No. 13 wire brads.....	.12
35	fuse links, 40 amp. ....	24.50
136	fuses, 6 amp. ....	23.26
	$\frac{1}{2}$ lb. fuse wire, 1 amp. ....	.28
5	lb. fuse wire, 10 amp. ....	2.40
65	knife contact springs, No. 15639.....	11.38
6	contact plates, canopy switch parts.....	.75
25	adjusting screws, No. 10264 .....	.13
26	G. E. 800 commutator screws.....	1.95
16	steel motor contact fingers.....	10.40
132	rubber curtain washers .....	.77
28	$\frac{1}{8}$ in. x 2 in. cap screws.....	1.12
8	$\frac{5}{8}$ in. x $2\frac{1}{2}$ in. cap screws.....	.32
11	G. E. binding screws, No. 19880.....	.03
41	$\frac{5}{8}$ in. x 2 in. iron stud.....	2.46
40	$\frac{3}{8}$ in. x $1\frac{1}{2}$ in. cap screws.....	.48
6	$\frac{3}{4}$ in. x $1\frac{3}{4}$ in. cap screws.....	.19
50	$\frac{5}{8}$ in. x 2 in. cap screws.....	1.55
6	$\frac{3}{4}$ in. x 1 in. cap screws.....	.25
60	$\frac{3}{4}$ in. x 2 in. cap screws.....	2.52
24	$\frac{1}{2}$ in. x $\frac{1}{2}$ in. cap screws.....	.19
24	$\frac{5}{8}$ in. x $\frac{1}{2}$ in. cap screws.....	.27
36	$\frac{1}{8}$ in. x $\frac{3}{4}$ in. cap screws.....	.54
7	$\frac{1}{8}$ in. x $\frac{7}{8}$ in. cap screws.....	.12
17	$\frac{3}{8}$ in. x $\frac{1}{2}$ in. cap screws.....	.26
9	$\frac{1}{4}$ in. x $\frac{7}{8}$ in. cap screws.....	.13
62	$\frac{5}{8}$ in. x 1 in. cap screws.....	2.23
2	$\frac{7}{8}$ in. x $1\frac{1}{4}$ in. cap screws.....	.05
30	$\frac{1}{2}$ in. x $1\frac{1}{4}$ in. cap screws.....	.75
16	$\frac{1}{2}$ in. x 1 in. cap screws.....	.25
32	$\frac{1}{2}$ in. x $1\frac{1}{2}$ in. cap screws.....	.61
22	$\frac{1}{2}$ in. x 2 in. cap screws.....	.59
52	$\frac{5}{8}$ in. x $1\frac{1}{2}$ in. cap screws.....	1.39
1	$1\frac{5}{8}$ in. x $2\frac{3}{4}$ in. cap screw.....	.07
8	$\frac{7}{8}$ in. x 3 in. cap screws.....	.80
5	$\frac{3}{4}$ in. x 3 in. cap screws.....	.34
29	$\frac{7}{8}$ in. x 1 in. cap screws.....	1.35
25	$\frac{7}{8}$ in. x 2 in. cap screws.....	1.20

Material in Storeroom—Continued.

		Present Value.
10	fine chalk lines .....	\$ .30
15	lb. burnt sienna in oil.....	1.95
15	lb. japan .....	3.60
9½	lb. dryer .....	.48
5	lb. umber in japan .....	1.05
45	lb. chrome yellow D. O. ....	13.50
505	lb. car body yellow, dark.....	151.50
36	gal. Murphy's surfacer .....	113.40
3	lb. lamp black dry .....	.27
3	12 in. square bastard files .....	.38
3	8 in. half round files .....	.19
9	8 in. round files .....	.57
7	10 in. square files .....	.79
3	12 in. round files .....	.32
3	12 in. half round files .....	.81
3	14 in. half round files .....	.68
1	16 in. half round file .....	.28
60	hack saw blades.....	3.74
8	6 in. round bastard files .....	.41
11	8 in. taper saw files .....	.70
7	10 in. half round bastard files .....	.63
2	10 in. flat bastard files .....	.21
10	12 in. flat bastard files .....	1.38
18	14 in. flat bastard files .....	1.47
4	16 in. flat bastard files .....	1.01
3	10 in. round bastard files .....	.24
4	14 in. round bastard files .....	.58
5	16 in. round bastard files .....	1.07
4	8 in. flat mill files .....	.25
5	12 in. flat mill files .....	.54
6	14 in. flat mill files .....	.93
6	4 in. taper saw files .....	.20
7	6 in. taper saw files .....	.32
9	6 in. flat mill files .....	.66
43	fiber for crossovers .....	9.89
71	sets G. E. 70 armature coils (37 to set).....	48.12
101	sets steel motor coils (99 to set).....	6.50
145	sets air motor coils (29 to set).....	31.85
3	controller handles .....	} 4.02
4	reverse handles .....	
138	ft. 2 in. white woven cotton webbing.....	2.95
24	lb. 12½-2 D. C. C. magnet wire.....	11.28
60	wood controller handles .....	7.20
16	soldering salts .....	5.66
5	G. E. 800 brush holders.....	6.50
24	brush holder springs, D. E. W. ....	.48
4	rolls non-elastic webbing .....	3.96
14	yd. ¾ cotton tape .....	.07
1	G. E. 70 brush holder.....	3.25
18	balls flax thread .....	15.30
6	6 in. stove dampers .....	.30
32	G. E. 800 felt oilers and springs.....	5.60
100	G. E. 800 springs .....	1.50
708	sheets No. 2 sandpaper.....	4.57
492	sheets No. 1½ sandpaper.....	2.97
203	sheets No. 1 sandpaper.....	1.14
89	sheets No. ½ sandpaper.....	.46
120	sheets No. 0 sandpaper.....	.63

#### 44 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

##### Material in Storeroom—Continued.

		Present Value.
20	G. E. 800 meter axle bearing caps.....\$	47.50
495	W. P. 50 armature sticks.....	7.43
83	glass sign holders.....	11.21
9	bronze hinges, 3 in. x 2½ in. ....	8.10
162	trolley splicing sleeves.....	64.80
107	single lock washer plates, G. E. 70.....	1.20
18	leatheroid strips .....	1.98
8	crocus cloth .....	.12
66	sheets No. 2 emery cloth.....	1.69
72	sheets No. 1½ emery cloth.....	1.78
34	sheets No. 1 emery cloth.....	.81
4	sheets No. ½ emery cloth.....	.08
9	sheets No. 0 emery cloth.....	.20
107	G. E. 800 pinion washers.....	4.28
61	register bells, No. 11600.....	9.00
3	stove dampers .....	.22
23	drop dust covers, stoves .....	2.30
57	grate slides, stoves .....	2.07
507	W. P. 50 armature leads.....	38.02
37	G. E. 70 double lock washers plates.....	.28
6	outer mica cones .....	2.55
8	inner mica cones .....	4.00
25	adjusting sand box springs.....	6.25
2	sand box springs .....	.30
9	lb. ¼ in. square rubber packing.....	6.75
5	lb. ⅜ in. square rubber packing.....	3.75
98	3 in. No. 2 round head blue screws.....	.49
191	rail bonds .....	78.88
47	McGuire journal box covers.....	11.75
4	Columbia journal brasses, No. 1.....	5.00
8	armature bearing caps, W. P. ....	12.00
79	ft. No. 6 insulated flexible wire.....	5.88
22	lb. vaseline .....	1.17
26	lantern globes .....	4.46
12	lantern frames .....	5.00
3,303	ft. cotton sleeving .....	42.94
63	gal outside car varnish .....	173.25
4	lb. plaster paris .....	.12
1,959	heavy G. E. 800 armature sticks, No. 9.....	8.45
107	light G. E. 800 armature sticks, No. 9.....	.45
4	Brooklyn strains .....	2.40
8	air sander valves .....	30.00
9	air sander handles .....	2.25
34	strap door castings .....	1.02
3	large tubular globes .....	1.13
16	large car lamp globes .....	6.40
2½	journal bearings, Rav motor.....	3.88
4	armature bearings, pinion end .....	6.40
4	armature bearings, commutator end .....	15.00
15	Curtis journal brasses.....	14.40
35	bars scrubbing soap .....	2.35
76	brush holder tension springs.....	14.06
7	G. E. 52 oil well cups.....	1.75
11	armature shaft bearing caps, pinion end .....	27.50
10	armature shaft bearing caps, commutator end .....	22.50
60	pipe reducers, ¾ in. to 5⁄8 in. ....	1.80
4	pipe reducers, ¾ in. to 1 in. ....	.08
12	pipe nipples, ¾ in. ....	.18

Material in Storeroom—Continued.

		Present Value.
.57	trolley pole pins and springs.....\$	5.70
3	brass liners .....	.15
12	pull brake ratchets .....	12.00
75	ft. incandescent lamp cord .....	2.75
14	motor frame brasses, D. E. W. ....	17.50
36	journal brasses, St. Louis trailer.....	81.00
8	counter shaft boxes .....	28.00
5	cupola journal brasses .....	17.60
34	register rod brackets, small.....	9.35
29	register cord brackets, large.....	10.15
8	oil lamps for cars.....	30.00
13	steel motor axle bearings.....	37.31
12	discs and commutator rings.....	12.84
24	large fire brick plates .....	6.90
50	small fire brick plates.....	.50
7	McGuire journal box springs, ¾ in. x 4 in. ....	2.80
49	journal brasses, W. P. 50 commutator end.....	183.75
7	armature bearings, pinion end .....	12.60
7	G. E. 70 journal brasses.....	11.91
53	G. E. 800 journal brasses.....	60.95
16	rolls bias linen tape.....	20.48
8	journal brasses sprinkler .....	9.36
417	thumb screws for trolley key bracket.....	5.42
12	snow plow castings, No. 66.....	3.60
7	armature bearings .....	12.60
11	oil box castings .....	1.43
42	armature bearings, iron, G. E. 800, pinion end .....	130.62
25	armature bearings, iron, G. E. 800, commutator end ....	9.23
10	Pullman trailer brasses .....	10.00
4	truck wheel brasses .....	6.60
7	No. 1 strain circuit breakers.....	2.80
129	contact springs .....	30.96
41	commutator shaft bearings .....	73.80
40	armature bearings, commutator end .....	12.50
42	armature bearings, pinion end .....	26.25
55	Curtis journal keys .....	28.60
10	turnbuckle studs, R. & L. ....	1.05
96	journal keys, Brill & Peckham.....	48.96
226	journal keys, G. E. 800 and McGuire.....	75.70
13	pedestal bushings .....	.39
16	truck brasses .....	4.16
71	St. Louis end locks.....	34.50
21	dump car end locks.....	11.50
9	circuit breaker terminals for crossover.....	3.69
96	rubber cones, brass feeder sleeves.....	15.94
11	frog switches, left hand.....	17.55
4	lb. shellac .....	2.50
4	frog switches, right hand .....	6.38
4	frog switches, V shape .....	3.56
24	metallic crossovers, complete .....	17.28
6	insulated crossovers, in pieces .....	4.80
2	crossover pans .....	1.59
34	feed ears, 5/8 stud.....	17.68
21	splicing strain ears .....	3.94
8	Curtis body springs, 5½ c 9 coil.....	6.68
28	Columbia dry cells, No. 6.....	4.90
12	McGuire truck motor ell springs.....	12.00
3	steel ell springs .....	3.00

# 426 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued.

		Present Value.
45	trolley ropes .....	\$ 15.62
55	iron armature bearings, G. E. 52 pinion .....	34.59
22	iron armature bearings, G. E. 52 commutator .....	6.38
35	feed ears .....	26.25
297	pony glass insulators, No. 2675.....	.13
136	$\frac{5}{8}$ in. No. 10 flat head brass screws.....	.34
58	$\frac{1}{2}$ in. No. 8 flat head brass screws.....	.17
258	$\frac{3}{4}$ in. No. 10 flat head brass screws.....	.43
80	$1\frac{1}{4}$ in. No. 8 flat head brass screws.....	.40
255	$1\frac{3}{4}$ in. No. 12 flat head brass screws.....	1.82
557	$2\frac{1}{4}$ in. No. 16 flat head brass screws.....	7.61
432	$1\frac{3}{4}$ in. No. 14 flat head brass screws.....	2.16
5	$2\frac{1}{4}$ in. No. 16 oval head brass screws.....	.04
432	$1\frac{3}{4}$ in. No. 14 oval head brass screws.....	1.26
476	$\frac{3}{4}$ in. No. 12 oval head brass screws.....	2.48
583	$1\frac{3}{4}$ in. No. 12 oval head brass screws.....	2.95
144	$1\frac{1}{2}$ in. No. 14 oval head brass screws.....	1.23
831	$1\frac{3}{4}$ in. No. 10 oval head brass screws.....	2.83
96	$\frac{3}{8}$ in. No. 8 oval head brass screws.....	.49
288	$\frac{3}{4}$ in. No. 9 round head brass screws.....	.75
288	$\frac{1}{2}$ in. No. 2 round head brass screws.....	.31
134	$\frac{3}{4}$ in. No. 12 oval head brass screws.....	.33
68	trussing bottoms .....	88
576	$\frac{3}{4}$ in. No. 7 round head brass screws.....	1.32
288	$\frac{1}{2}$ in. No. 8 round head brass screws.....	.54
288	$\frac{5}{8}$ in. No. 3 and $\frac{1}{2}$ in. No. 4 round head brass screws	.35
396	$\frac{5}{8}$ in. No. 10 round head brass screws.....	1.21
432	1 in. No. 18 round head brass screws.....	1.35
272	$\frac{7}{8}$ in. No. 6 round head brass screws.....	.43
576	1 in. No. 6 round head brass screws.....	1.18
288	1 in. No. 10 round head brass screws.....	1.03
576	$\frac{5}{8}$ in. No. 8 round head brass screws.....	1.36
144	$\frac{1}{2}$ in. No. 6 round head brass screws.....	.21
432	$\frac{7}{8}$ in. No. 8 round head brass screws.....	1.21
576	1 in. No. 9 round head brass screws.....	2.04
687	$\frac{3}{4}$ in. No. 10 round head brass screws.....	2.69
576	$1\frac{1}{2}$ in. No. 8 round head brass screws.....	2.40
288	$\frac{1}{2}$ in. No. 7 round head brass screws.....	.68
432	$\frac{7}{8}$ in. No. 7 round head brass screws.....	1.04
432	$1\frac{1}{4}$ in. No. 10 round head brass screws.....	1.92
432	$\frac{5}{8}$ in. No. 6 round head brass screws.....	.89
410	$1\frac{1}{4}$ in. No. 14 round head brass screws.....	2.71
368	$1\frac{1}{2}$ in. No. 14 round head brass screws.....	2.61
144	$1\frac{3}{4}$ in. No. 14 round head brass screws.....	1.20
288	$1\frac{1}{2}$ in. No. 10 round head brass screws.....	} 3.07
288	$1\frac{1}{2}$ in. No. 10 round head blued screws.....	
692	$\frac{3}{4}$ in. No. 12 round head brass screws.....	3.32
420	1 in. No. 12 round head brass screws.....	1.93
248	$1\frac{1}{4}$ in. No. 12 round head brass screws.....	.84
288	$1\frac{1}{2}$ in. No. 12 round head brass screws.....	.68
1,006	1 in. No. 6 round head brass screws.....	7.13
38	$1\frac{1}{4}$ in. No. 6 round head brass screws.....	.03
432	$\frac{3}{4}$ in. No. 6 round head brass screws.....	.85
39	car stove fire pots.....	9.83
144	flags .....	6.08
113	10 in. red insulating paper.....	12.20
4	rattan brooms .....	1.50
160	lb. sheet fiber .....	25.39

Material in Storeroom—Continued.

		Present Value.
6	G. E. 800 grease chamber lids.....	\$ 1.20
33	G. E. 70 grease chamber lids.....	6.60
10	ash pans .....	4.60
2	air motor governors.....	2.00
26	cotton mop heads .....	4.33
5	6¼ in. x 7¼ in. rubber gaskets.....	.78
1	gal. grease extractor .....	1.75
40	Fig. 8 line ears.....	8.40
6¼	lb. rosin .....	.25
21	light clusters, 2 lamps.....	22.05
98	goose necks, No. 55.....	75.46
7	white chalk .....	.01
35	glass floor insulators .....	.70
7	signal bells .....	6.30
12	½ in. iron plugs.....	.03
13	dash pillar washers .....	.27
121	seat spindles, Pullman trailers.....	1.37
31	Pullman seat bolts.....	9.30
62	Crown nuts .....	3.10
44	porcelain blocks .....	2.64
1,837	ft. white cotton ¼ in. bell rope.....	11.94
734	single wood cleats .....	1.84
650	double wood cleats.....	2.60
12	jacks and chimney.....	9.00
909	Jandus arc light carbons.....	31.82
692	⅝ in. headlight carbons.....	15.51
175	¾ in. headlight carbons.....	4.00
2	steel frog brooms.....	1.16
36	asbestos packing .....	4.14
414	trolley party lugs.....	28.98
9	pole steps .....	.16
39	dynamo carbon brushes, ¾ in.....	.98
60	lb. babbitt metal.....	20.58
89	sleet trolley wheels.....	32.93
245	light line gears.....	89.63
157	heavy line gears .....	57.50
377	ft. ⅝ in. register strap.....	14.14
6	lb. wire nails, 1 in.....	.25
116	ft. leather register, ¼ round.....	2.09
60	H. M. 74 S. register, springs.....	6.00
45	McGuire brake release springs.....	15.75
39	G. E. 70 brush holder springs.....	4.88
75	black insulating tape, 1½ in. ....	16.17
195	black insulating tape, ¾ in. ....	21.90
6	okonite rubber tape, ¾ in. ....	2.50
69	McGuire brake castings, No. 55, ½ in. ....	13.80
4¾	lb. pumice stone block.....	.21
3	G. E. 800 solid end locks.....	.57
100	window catches .....	78.00
246	common candles .....	3.96
18	grates for Smith heater.....	27.00
93	catches for vestibule windows.....	3.53
13	grate rests for Smith heater.....	6.50
15	G. E. 70 gear case lids .....	3.75
8	G. E. 70 motor cams .....	1.60
11	cans crushed lye.....	.92
11	trolley wheel pins .....	.83
134	W. P. 50 commutator bars.....	19.35



# 428 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued

		Present Value.
88	1½ in. x 4½ in. machine bolts.....\$	9.24
12	pipe plugs .....	.36
3	semi-finished nuts, ⅝ in.....	.09
100	lb. 4d wire nails.....	2.65
29	lb. 6d wire nails.....	.73
197	lb. 8d wire nails.....	4.33
28	lb. 10d wire nails.....	.63
28	lb. 20d wire nails.....	.66
72	lb. 40d wire nails.....	1.69
218	lb. 60d wire nails.....	5.12
105	lb. miscellaneous brasses.....	11.55
142	screws for overhead clutches.....	1.07
499	4/0 ⅜—34 rail bonds.....	413.67
7½	lb. buffing compound.....	.38
7	register cord pulley .....	1.68
300	buckeye dynamo sticks.....	3.00
4	oxalic acid .....	.38
67	circuit breaker terminals.....	43.55
2	brass oiler rings.....	.82
12	G. E. 800 L-shaped mica rings.....	9.00
25	soldering fluid .....	3.62
35	lantern burners .....	3.50
10	lamp burners .....	1.00
5	hemp twine .....	.32
15	linen thread .....	2.47
13	lamp wicking .....	.18
1	car fire shovel.....	.05
14	lb. floor wax.....	3.50
7	lb. No. 18 flax twine.....	.77
7	lb. sealing wax.....	2.45
2½	lb. beeswax .....	1.00
12	car washers .....	2.00
30	sponges .....	2.50
23	continuous spud rolls .....	32.89
810	lb. track bolts.....	27.14
30	pedestal posts .....	10.50
2,275	lb. spikes ⅝ in. x 5½ in.....	63.70
372	lb. track bolts ⅞ in. x 4½ in.....	13.02
346	lb. track bolts ¾ in. x 3½ in.....	11.59
15	lb. track bolts ⅝ in. x 3 in.....	.45
459	lb. track bolts ¾ in. x 4½ in.....	13.77
23	headlight bumpers and flanges .....	2.39
19	slotted controllers lugs .....	.57
85	contact finger frames K. 2 .....	8.50
236	track bolts 1 in. x 4 in.....	8.26
2	oval bristle varnish brushes .....	1.90
2	1 in. paint brushes, white.....	.30
2	2 in. paint brushes white.....	.60
9	4 in. wall paint brushes .....	9.90
6	1 in. wall paint camel hair brushes.....	1.18
6	2 in. wall paint camel hair brushes.....	3.25
7	3 in. wall paint camel hair brushes.....	6.47
5	4 row rubbing brushes.....	.83
2	round car scrubbers .....	1.44
3	painter's dusters No. 10 Gem.....	2.25
4	No. 7 steel wire brushes .....	1.20
9	scrub brushes .....	1.23
6	Pullman trailer lamps .....	2.55

Material in Storeroom.—Continued.

		Present Value.
6	black sable lettering pencils.....\$	3.58
8	"T" gate hangers .....	3.60
6	floor scrapers .....	1.62
1	putty knife, 2 in.....	.20
98	W. P. 30 carbon brushes, $\frac{5}{8}$ in. x $2\frac{1}{4}$ in. x $2\frac{1}{2}$ in. ....	4.27
3	Brill brake adjusting springs .....	.45
115	McGuire release spring washers .....	11.50
15	lb. blue vitriol .....	1.50
11	brass gate holders .....	3.30
53	$\frac{3}{8}$ in. x $5\frac{1}{2}$ in. clevis pins.....	3.98
19	McGuire crown nuts .....	2.85
20	McGuire sheave castings .....	1.90
27	$\frac{3}{8}$ in. x 3 in. sleigh bolts.....	.11
43	lb. pig zinc .....	1.94
7 $\frac{3}{4}$	lb. antimony .....	1.71
19	gong hammers .....	.86
7	gong foot taps .....	.35
188	cast brass rods .....	21.24
323	guard rod castings .....	32.30
41	gate hooks and eyes 2 in. x 3 in. ....	.24
72	gate hooks and eyes 3 in.....	.45
101	deck bracket bottom .....	7.58
111	toilet paper .....	4.99
11	McGuire elliptical springs $\frac{3}{4}$ .....	27.50
13	semi-elliptical springs .....	53.30
3	lb. muriatic acid .....	.20
3	2 in. camel hair pencils in metal.....	.24
3	$2\frac{1}{4}$ in. camel hair pencils in metal.....	.30
23	bronze sash lifts .....	.80
143	window wire fasteners.....	1.21
19	boxes 2 oz. common tacks.....	.19
12	boxes 4 oz. common tacks.....	.21
14	boxes 6 oz. common tacks.....	.34
14	boxes 8 oz. common tacks.....	.42
	$\frac{3}{4}$ lb. No. 12 double pointed wire tacks.....	.08
23	cupboard catches .....	5.52
	$1\frac{1}{2}$ lb. fence staples $1\frac{1}{4}$ in.....	.08
147	fence staples $2\frac{1}{2}$ in.....	.22
19	screws for brush holders.....	.29
45	$\frac{3}{8}$ in. x $\frac{1}{4}$ in. set screws.....	2.25
22	brush holder springs .....	5.50
5	vestibule locks and catches .....	1.65
24	curtain stops .....	.24
8	$2\frac{1}{2}$ in. Congo flat bristle varnish brush.....	.67
5	2 in. Congo flat bristle varnish brush.....	.30
3	1 in. Congo flat bristle varnish brush.....	.11
23	bell cord holders .....	1.95
18	ratchet stove castings .....	.14
1	3 in. sq. F. F. brush.....	.54
40	white cotton thread .....	2.03
189	baby harness snaps .....	2.09
96	harness rings .....	.26
3	small screw eyes No. 6 and No. 4.....	.04
11	6/0 extra gloss lead paint.....	14.41
19	bars sapolio .....	1.26
56	splicing ear dutchmen .....	.22
132	splicing ear dutchmen .....	.44
4	F. H. brush holder springs .....	.40

# 490 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom.—Continued.

		Present Value.
246	lb. colored cotton waste.....\$	12.64
143	trolley rope snaps .....	2.91
87	1 in. harness snaps .....	1.30
106	screw hooks .....	.13
17	transom hinges .....	1.70
154	curtain shelves .....	10.01
17	controller spring K 2 .....	1.28
70	bell cord connectors .....	5.25
1	G. E. 52 outside terminal.....	.20
8	G. E. 52 inside terminals .....	2.00
8	brass washers .....	.06
189	trolley washers .....	1.41
32	brass terminals .....	7.16
22	transom catches .....	6.16
64	No. 1516 perpendicular cord guides.....	8.32
350	lb. wool waste .....	28.00
105	lb. rags .....	6.82
4	lb. gold bronze .....	4.00
11½	lb. sheet brass .....	4.60
17	lb. paraffine wax .....	1.30
19	18 in. hammer handles .....	.77
12	18 in. hand axe handles .....	.70
12	spike maul handles .....	.90
13	sledge handles 36 in. ....	1.17
14	24 in. hammer handles .....	.81
9	36 in. pick handles .....	1.31
24	36 in. adz handles .....	5.04
6	mop handles .....	.37
32	G. E. 52 axle collars S-15.....	7.68
945	lb. ¾ in. x 3½ in. soft steel.....	18.90
35	Brill center top plates pat. S. 16.....	28.17
26	Brill center bottom plate pat. S. 17.....	28.08
18	Brill brake level holders .....	7.20
55	No. 29 Brill brake shoe heads.....	38.50
120	Brill brake shoe holder C. C/28.....	18.09
31	Brill brake shoe holder.....	4.50
129	McGuire brake head hangers.....	77.40
12	McGuire brake head hangers.....	6.60
250	ft. 1½ in. single belting Cairo.....	16.88
22	body grab handles .....	60.50
177	lb. ¾ in. x 6 in. soft steel.....	3.54
821	lb. ¾ in. x 1 in. soft steel.....	16.42
26	¾ in. round soft steel.....	.52
106	iron line hangers.....	6.89
122	lb. ½ in. x 1½ in. soft steel .....	2.44
1,461	lb. 3 in. x 3 in. angle iron .....	51.14
100	lb. ¾ in. x 2 in. soft steel .....	2.00
51	lb. ½ in. round soft steel .....	1.07
138	lb. ¾ in. round soft steel .....	3.10
21	lb. ⅞ in. round soft steel .....	.47
56	lb. 1¼ in. square iron .....	1.18
74	lb. ⅞ in. square soft steel .....	1.55
840	lb. ⅞ in. x 3 in. soft steel .....	16.80
143	lb. ½ in. x 9 in. soft steel .....	3.15
101	lb. ⅝ in. x 3 in. soft steel .....	2.02
670	lb. ½ in. x 2½ in. iron .....	13.40
217	lb. ½ in. x 2 in. iron .....	4.34
777	lb. ⅞ in. x 4 in. spring steel .....	22.53

Material in Storeroom.—Continued.

		Present Value.
79	lb. $\frac{7}{8}$ in. x $\frac{1}{2}$ in. soft steel .....	\$ 1.74
41	lb. $\frac{1}{4}$ in. x $2\frac{1}{2}$ in. iron .....	.87
23	lb. $\frac{1}{4}$ in. x 1 in. iron .....	.48
71	lb. $\frac{1}{8}$ in. x 1 in. iron .....	1.67
217	lb. $\frac{3}{4}$ in. x $\frac{3}{8}$ in. iron .....	4.34
210	lb. $3\frac{1}{2}$ in. x $2\frac{1}{2}$ in. angle iron .....	8.40
78	lb. $\frac{3}{8}$ in. x $2\frac{1}{4}$ in. spring steel .....	3.90
20	lb. $\frac{1}{8}$ in. x $1\frac{1}{4}$ in. soft steel .....	.47
482	lb. $\frac{1}{8}$ in. x $3\frac{1}{2}$ in. spring steel .....	13.98
444	lb. different sizes spring steel.....	168.72
10	lb. $\frac{1}{8}$ in. x 1 in. spring steel .....	3.80
27	lb. $\frac{1}{2}$ in. x $3\frac{1}{2}$ in. silver steel .....	24.84
316	lb. $\frac{3}{4}$ in. x 4 in. soft steel .....	6.32
88	lb. $\frac{1}{2}$ in. x 4 in. soft steel .....	1.85
	$2\frac{1}{2}$ lb. $\frac{3}{8}$ in. octagon tool steel .....	1.00
235	lb. $\frac{1}{8}$ in. x 3 in. spring steel.....	11.75
93	lb. $1\frac{1}{2}$ in. round soft steel.....	1.86
168	lb. 1 in. round soft steel.....	3.36
35	lb. $1\frac{1}{8}$ in. round soft steel.....	13.30
88	G. E. 52 armature coils, 29 to set.....	49.09
315	G. E. 800 armature coils, 105 to set.....	81.30
133	lb. $\frac{1}{4}$ in. x $2\frac{1}{2}$ in. soft steel .....	3.06
243	ft. 4-0 copper wire.....	28.02
1	G. E. 70 commutator, complete.....	72.50
37	lb. $\frac{1}{4}$ in. x $3\frac{1}{2}$ in. soft steel.....	.78
2	G. E. motor gear cases, 1 top and 1 bottom.....	10.50
4	steel motor gears.....	58.00
4	G. E. motor gear cases (70).....	71.20
16	gear cases, G. E. 52, complete.....	92.00
29	G. E. 52 and 54 motor gears.....	378.45
37	G. E. 70 motor gears .....	536.50
16	G. E. 800 motor gears .....	208.80
12	sheets 13 in. x 26 in. glass.....	1.68
10	sheets $16\frac{3}{4}$ in. x $29\frac{1}{8}$ in. glass.....	2.10
1	sheet $17\frac{3}{4}$ in. x 32 in. glass.....	.26
7	sheets $16\frac{1}{2}$ in. x 26 in. glass.....	1.42
9	sheets $17\frac{3}{4}$ in. x $32\frac{1}{2}$ in. and $17\frac{3}{4}$ in. x $32\frac{3}{4}$ in. glass....	2.54
26	sheets 18 in. x 33 in. glass.....	6.50
3	sheets 10 in. x 36 in. glass.....	.45
2	sheets 17 in. x 25 in. glass.....	.50
5	sheets $17\frac{3}{8}$ in. x 30 in. glass.....	1.15
27	sheets 16 in. x 34 in. glass.....	6.75
19	sheets $14\frac{1}{2}$ in. x 38 in. glass.....	2.13
12	sheets 21 in. x 26 in. glass.....	2.76
13	sheets 22 in. x 28 in. glass.....	3.25
9	sheets 24 in. x 30 in. glass.....	2.79
16	shcets different sizes glass.....	5.44
13	sheets $23\frac{3}{8}$ in. x 26 in. glass.....	3.25
22	sheets 14 in. x 26 in. glass.....	3.04
16	sheets $16\frac{1}{2}$ in. x 28 in. glass.....	3.45
4	sheets 22 in. x 38 in. glass.....	2.40
16	upper pedestal plates.....	34.26
5	sheets $21\frac{3}{4}$ in. x $29\frac{1}{8}$ in. glass.....	1.53
5	sheets 22 in. x $29\frac{1}{8}$ in. glass.....	1.53
4	car steps .....	15.80
11	sheets 8 in. x 28 in. imitation beveled glass.....	3.34
9	sheets 21 in. x 36 in. glass.....	3.44
2	shcets 20 in. x 38 in. glass.....	.68

# 432 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued.

		Present Value.
20	controller segments, No. 338407	\$ 9.00
6	pieces 31 in. x 31 in. glass	3.60
62	carb. radiators	2.62
14	pieces 32 in. x 32 in. glass	4.32
22	pieces 30 in. x 30 in. glass	9.39
22	pieces 20 1/2 in. x 29 1/2 in. glass	7.70
17	pieces 20 in. x 34 in. glass	7.82
21 1/2	lb. green soap	14.65
13	pieces 28 1/2 in. x 34 in. glass	6.32
1	piece 25 in. x 34 in. glass	.46
16	pieces 34 in. x 34 in. glass	9.08
7	pieces 24 in. x 46 in. glass	3.68
100	side pole brackets	1.26
1	white lantern globe	.68
105	gate hangers	3.39
21	Westinghouse lamps	20.25
42	ft. 2 in. gas pipe	4.69
66	ft. 1 1/2 in. gas pipe	17.82
36	ft. 1 1/4 in. gas pipe	2.27
176	ft. 1 in. gas pipe	6.16
4	ft. 3/4 in. gas pipe	.14
17 1/2	lb. asbestos	.86
13	boiler flues, 4 in. and 4 1/2 in.	7.89
42	lb. curve grease	1.23
74	gal. coal oil	6.82
18	gal. signal oil	7.20
27 3/4	gal. gasoline	3.05
206	lb. gear and pinion grease	28.05
30	adjusting spring controller fingers	1.20
17	controller segments, No. 338442	1.53
30	controller segments, No. 33846	2.10
22	controller segments, No. 33846	5.50
15	controller segments, No. 33846	1.19
10	controller segments, No. 33837	4.50
50	controller segments, No. 33837	10.00
22	controller segments, No. 33838	10.89
30	controller segments, No. 33838	5.22
25	controller segments, No. 33841	9.90
32	controller segments, No. 17617 K. 2	6.24
50	controller segments, No. 17617 K. 2	7.50
50	controller segments, No. 17618	7.33
24	controller segments, No. 17620	9.50
211	controller fingers, No. 33802	16.71
4 1/4	lb. blue sheet felt	4.04
11	lb. gray sheet felt	4.95
81	Brill journal box keepers	68.04
41	wood locust pins	.59
117 1/2	ft. car brake chains, 7/8 in.	9.11
9	curtain rollers	1.80
1	crucible	1.95
43 1/2	lb. 7/8 in. x 1 1/2 in. spring brass, No. 14, for trolley tensions	15.66
21	lb. spring brass, 1/8 in. x 1 1/4 in.	7.98
5	lengths 5 in. stove pipe	.36
145	axle dust collars	34.94
7	body steps, brass and iron	1.05
16	chamois skins	2.67
200	lb. 3/4 in. x 2 in. round head rivets	9.00

Material in Storeroom—Continued.

		Present Value.
6	$\frac{3}{4}$ in. twist drills.....\$	1.62
200	lb. $\frac{3}{4}$ in. x $1\frac{1}{2}$ in. round head rivets.....	9.00
800	lb. $\frac{1}{4}$ in. x $\frac{7}{8}$ in. round head rivets.....	36.00
400	lb. $\frac{1}{4}$ in. x $\frac{1}{2}$ in. flat head rivets.....	18.00
233	cleats for fastening window rods in Brill cars.....	11.65
118	ft. scraper chain .....	3.54
24	stove shakers .....	.48
15	scoops .....	8.44
70	McGuire castings, No. 54, $\frac{1}{2}$ in. ....	35.00
606	McGuire brake shoes .....	255.68
328	Brill brake shoes .....	152.29
9	hand track shovels .....	4.50
12	hand track corners, right and left.....	93.00
12	hand track corners, right and left.....	150.00
401	double pull-offs .....	68.17
308	single pull-offs .....	25.87
9	$\frac{7}{8}$ in. twist drills.....	1.42
4	$\frac{1}{8}$ in. twist drills.....	.56
12	$\frac{1}{8}$ in. twist drills.....	1.92
5	$\frac{5}{8}$ in. twist drills.....	.79
4	$\frac{1}{4}$ in. twist drills.....	.60
3	$\frac{1}{8}$ in. twist drills.....	.48
7	$\frac{1}{4}$ in. twist drills.....	1.31
5	$\frac{3}{8}$ in. twist drills.....	.97
6	$\frac{7}{8}$ in. twist drills.....	1.26
29	$\frac{1}{4}$ in. twist drills.....	5.37
16	$\frac{1}{8}$ in. twist drills.....	3.72
121	cast car wheels.....	945.65
4	$\frac{1}{4}$ in. twist drills.....	.86
6	$\frac{1}{8}$ in. twist drills.....	1.31
7	$\frac{1}{4}$ in. twist drills.....	1.54
3	$\frac{1}{2}$ in. twist drills.....	.72
4	lift castings, McGuire .....	1.40
3	$\frac{2}{4}$ in. castings, McGuire.....	.78
28	sash rattle springs .....	1.68
4	$\frac{3}{4}$ in. twist drills.....	1.68
4	lb. ammoniac.....	.44
6	$\frac{7}{8}$ in. twist drills.....	1.90
6	$\frac{3}{4}$ in. twist drills.....	1.98
140	$\frac{1}{4}$ in. brass nuts.....	1.75
7	$\frac{1}{2}$ in. twist drills.....	2.10
5	$\frac{1}{2}$ in. twist drills.....	1.76
2	$\frac{3}{4}$ in. twist drills.....	.68
7	$\frac{1}{2}$ in. twist drills.....	2.38
2	$\frac{1}{8}$ in. twist drills.....	.74
74	lb. $1\frac{1}{8}$ in. x $2\frac{1}{2}$ in. tool steel.....	28.12
3	$\frac{3}{8}$ in. twist drills.....	1.23
6	$\frac{5}{8}$ in. twist drills.....	2.64
14	20 in. x 28 in. sheet tin.....	3.50
2	$\frac{3}{4}$ in. twist drills.....	.94
2	$\frac{1}{4}$ in. twist drills.....	1.12
1	$\frac{3}{8}$ in. twist drills.....	.53
44	books aluminum leaf .....	4.40
4	$\frac{3}{4}$ in. twist drills.....	2.32
7 $\frac{1}{4}$	gal. boiled linseed oil.....	3.19
1	gal. raw linseed oil.....	.63
2	$\frac{1}{4}$ in. twist drills.....	1.24
3	$\frac{3}{8}$ in. twist drills.....	1.86

**SA JAMES EARL RAY** **ELABORATE** **PREPARE** **REMARKS**

## Water and Invertebrates

[illegible]

Material in Storeroom.—Continued.

		Present Value.
40	1½ in. elbow.....\$	1.60
3	2 in. elbow .....	.14
4	4 in. elbow .....	.20
3	¾ in. 45 deg. elbow .....	.06
2	¾ in. elbow .....	.04
1	1 in. elbow .....	.02
6	1¼ in. elbow .....	.15
2	1½ in. elbow .....	.05
13	2 in. elbow .....	.59
1	4 in. elbow .....	.35
2	5 in. elbow .....	.20
36	¼ in. tee .....	2.16
31	¾ in. tee .....	1.86
28	½ in. tee .....	2.24
2	¾ in. tee .....	.16
9	1 in. tee .....	.59
7	1¼ in. tee .....	.42
10	1½ in. tee .....	.65
11	2 in. tee .....	.94
2	3½ in. tee .....	.24
1	6 in. tee .....	.11
3	¾ in. screw unions .....	.14
47	¼ in. screw unions .....	2.64
1	½ in. screw union.....	.09
2	5 in. flange unions .....	1.10
2	¾ in. plugs .....	.03
1	1½ in. plug.....	.04
8	reducers (bush) different sizes .....	.34
1	¾ in. valve .....	.25
7	globe valves .....	3.92
5	globe valves, 1½ in.....	3.90
105	line hangers .....	24.15
2	check valves 2 in. ....	2.26
81	½ in. nipples .....	3.64
7	Brill bolster castings No. 5,524.....	2.45
2	¾ in. nipples .....	.06
21	reducing valves 1½ in. to 2 in. ....	2.10
4	¾ in. couplings .....	.10
15	¾ in. couplings .....	.58
30	½ in. couplings .....	1.15
14	1¼ in. couplings .....	.63
56	1 in. couplings .....	2.52
18	1½ in. couplings .....	.90
2	2 in. couplings .....	.10
1	3 in. coupling.....	.08
1	5 in. and 6 in. coupling.....	.25
44	3 in. caps .....	.44
5	1¼ in. couplings .....	.10
2	reduced elbows .....	.18
11	1 in. x 1 in. x ¼ in. tees .....	.49
3	¼ in. x ¼ in. x ¾ in. tees .....	.14
4	1½ in. x 1½ in. x 1 in. tees .....	.40
3	1½ in. x 1½ in. x ¾ in. tees .....	.30
4	1½ in. x ¾ in. x 1½ in. tees .....	.40
1	2 in. x 2 in. x 1¼ in. tee .....	.10
1	2 in. x 1½ in. x 1½ in. tee .....	.12
1	hose coupling and nipple .....	.20
1	cross .....	.10



# 436 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom.—Continued.

		Present Value.
8	sets plugging material for thermit.....\$	.80
8	misc. reducers .....	.36
9	brass floor flanges .....	3.24
3	3½ in. blank hex. nuts .....	.44
8	misc. tees .....	.64
12	¾ in. fender keys .....	.57
1	5 in. globe valve .....	2.50
1	6 in. gate valve .....	9.00
8	Brill side bearing caps H. 15 .....	2.00
20	Brill side bearing tops H. 14 .....	11.68
105	1¼ in. x 11 in. machine bolts .....	15.83
150	1 in. x 11 in. machine bolts .....	17.06
4	Brill side bearing bottoms H. 12 .....	2.08
41	Brill side bearing bottoms H. 13.....	20.50
0	trolley quadrants .....	10.71
250	trolley clamps .....	37.56
2	trolley brackets .....	.45
72	trolley brackets .....	10.37
16	colored glass 5 in. x 28½ in. ....	2.78
44	lb. ½ in. square soft steel .....	.83
115	lb. 5⁄8 in. soft steel .....	2.19
253	lb. ¾ in. x 4 in. spring steel .....	8.86
3	Peckham brake heads .....	1.80
22	malleable iron car grab handles.....	1.76
28	No. 313 reels .....	42.00
5	large reels .....	50.00
45,600	lb. cast scrap car wheels .....	407.14
20	lb. street railway car body color .....	7.00
145	brass register rod castings, 86 lb.....	.27.52
10	brass shaft bearing P. H., 90 lb.....	28.80
07	brass car grab handle brackets, 158 lb. ....	50.56
27	brass brake wheel handles, 44 lb. ....	14.08
1	wagon axle box .....	.75
3	G. E. 70 brush holder case, 12 lb .....	3.84
8	brass bridge trolley terminals, 21 lb. ....	6.72
4	G. E. 52 field shoes .....	3.00
13	G. E. 70 solid journal keys, 52 lb.....	16.64
26	motorman seat floor sockets, 32 lb. ....	1.44
2	1¾ in. turnbuckles and studs.....	2.40
2	1½ in. turnbuckles and studs .....	1.60
5	gal gloss black .....	7.50
1	can .....	.50
135	lb Thermit .....	33.75
4	steel pinions 8 in. face, 20 teeth.....	40.00
78	strap and couplings (register) .....	42.90
3	gal Murphy surfacer B black .....	15.75
10	gal disinfectant fluid .....	20.00
2	sprays disinfectant fluid .....	1.00
1	electric push button .....	.20
78	lb mica for power house dynamo .....	195.00
370	lb ½ in flat resistance band .....	48.10
89	motorman's tool sacks .....	111.25
90	6 in screw drivers in use by motormen .....	23.40
82	10 in monkey wrenches .....	35.26
94	side cutting pliers in use by motormen .....	56.40
10	monkey wrenches not in use .....	2.90
30	Armstrong journal box rollers .....	25.00
17	forms for controller magnet coils .....	21.25

Material in Storeroom.—Continued.

		Present Value.
16	automotoneers .....	\$ 240.00
2	oil headlight reflectors .....	1.50
150	7 in. No. 6 porcelain insulators.....	6.75
2	illuminated car deck signs, Hunter.....	25.00
50	lb. assorted calcimine .....	7.50
1	Peter Smith ornamental stove top .....	3.50
1	$\frac{3}{4}$ in. globe valve .....	2.20
4	brass bib faucets .....	6.00
6	large electric globes, arc.....	9.00
15	oak frames 16 in. x 20 in.....	3.00
3	oak frames 8 in. x 10 in.....	.45
1	6 in. stove pipe jack .....	.50
11	sheets white celluloid for signs 20 in. x 56 in.....	44.00
8	sheets assorted colors for signs 20 in. x 36 in.....	31.20
1	air motor cylinder head.....	3.50
6	1 gal. oil cans, tin.....	1.50
2	lamp shades, 10 in. diam.....	1.00
6	Corbin door checks .....	36.00
35	lb. steel binding wire No. 12.....	6.65
6	1 in. x $4\frac{1}{2}$ in. x 8 slate switch bases.....	1.50
98	W. P. No. 50 commutator bars, 40 lb.....	14.40
130	lb. cold water paint.....	6.50
1	keg $\frac{1}{4}$ in. x $\frac{7}{8}$ in. round head rivets, 800 lb.....	36.00
1	keg $\frac{1}{4}$ in. x $\frac{1}{2}$ in. flat head rivets, 400 lb.....	18.00
1	keg $\frac{3}{4}$ in. x $1\frac{1}{2}$ in. round head rivets .....	9.00
1	keg $\frac{3}{4}$ in. x 2 in. round head rivets .....	9.00
1	keg $\frac{3}{4}$ in. x 3 in. round head rivets .....	9.00
1	10 in. flanged ell .....	59.50
1	Peckham truck corner .....	7.50
5	elliptic springs 3 in. x 24 in., 4 leaves.....	13.75
27	malleable iron line pole brackets .....	9.45
17	5 in. galv. iron car smoke jacks.....	6.80
1	McGuire truck corner No. 315.....	7.75
1	coal fork .....	.88
7	steel wrecking skid wheels, 85 lb.....	6.80
6	pairs emery brake shoes, Detroit .....	45.00
2	rolls felt roofing paper .....	2.00
2	cast iron tees, 2 in. x 2 in. x 4 in. ....	1.20
2	cast iron tees, 4 in. x 4 in. x 4 in. ....	1.20
5	cast iron tees, $1\frac{1}{2}$ in. return bends .....	1.95
2	6 in. angle globe valves .....	34.56
95	Brill seat castings No. 1001 S.....	11.40
4	snow plow steel castings, 15 lb.....	1.20
1	5 in. screw flange .....	.40
1	6 in. pipe coupling.....	.82
2	6 in. nipples .....	.80
1	steel wheel 12 in. x 4 in., 70 lb.....	5.60
1	1 in. air check valve .....	1.25
1	cast iron tee, 6 in. x 6 in. x 6 in. ....	1.20
342	lb. No. 4/0 cable, 18 strand.....	136.80
400	lb. loose asbestos flour .....	20.00
1	safety valve arm and weight .....	2.70
2	Brill brass brake rod sockets .....	3.22
1	Brill brass brake handle for socket.....	2.90
2	brake ratchets, steel .....	1.16
2	brass elevator jaws .....	4.00
1	brass grab handle bracket.....	.48
5	doz. water gauge glasses $\frac{3}{4}$ in. x 16 in.....	5.90

# 428 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom.—Continued.

		Present Value.
1	lot misc. glass D. T and plate .....	\$ 150.00
10	cane car seats 15 in. x 22 in. ....	40.00
52	Ash grab handle bars, Brill.....	15.60
18	7 strand 10 cable No. 4 car cable.....	7.20
107	stencils for letters and figures on cars.....	10.70
11	4½ in. cable porcelain insulators .....	1.76
3	gal. rubbing polish .....	2.55
4	large arc electric light globes .....	6.00
2	10 ton alcohol jacks .....	80.00
200	¾ in. window curtain bars, 150 lb.....	10.00
1	porcelain sink and back 20 in. x 30 in.....	8.00
1	wash bowl 20 in. x 30 in. x 16 in. enamel.....	3.50
2	American steam gauge, 100 lb. pressure to the inch.....	2.00
1	8 in. Elms hydraulic 100 lb. gauge.....	3.40
25	cast brake ratchets, 40 lb.....	1.80
50	brass curtain guides end .....	5.00
13	car register rod bushings .....	1.95
1,000	ft. woven brass curtain cable.....	30.00
1,000	ft. iron curtain cable .....	20.00
25	lb. car step rubber .....	31.25
100	brass curtain guides .....	10.00
2	door frames, pine 38 in. x 6 ft. 10 in.....	8.00
7	skylight sashes 2 ft. 10 in. x 5 ft., glazed.....	29.40
6	car door sashes 17 in. x 6 ft., oak.....	27.00
140	pcs. steel curtain rods.....	8.40
1	hot blast coal stove.....	45.00
7	camp chairs .....	10.50
14	stove bottoms, 8 lb., each 112 lb.....	5.04
13	stove bodies, front, 282 lb.....	8.19
10	stove bodies, backs .....	7.65
13	stove bodies, ash doors .....	1.76
18	stove bodies, slides (ash doors) 18 lb.....	.81
24	stove bodies, door (proper) 60 lb.....	2.70
338	stove grates, 845 lb. ....	38.03
8	stove tops, 160 lb. ....	7.20
13	stove pipe top bell, 182 lb. ....	8.19
16	stove box top, 256 lb.....	11.52
43	stove box frame castings, 258 lb.....	11.61
10	stove slides over slide, 5 lb.....	.23
1	cast iron trap door, 300 lb. ....	12.00
2	axle journal caps for cupola .....	6.00
4	journal brasses, 32 lb. ....	10.24
1	steel pinion 2½ in. bore 16 teeth.....	3.00
13	telephone boxes and boards.....	26.00
1	slate switch board, 1½ in. x 12 in. x 12 in.....	1.00
1	starting rheostat 1½ in. x 14 in. x 14 in. stop.....	2.50
20	deck signs .....	15.00
1	double contact lever knife switch 18 in. on slate base....	10.00
8	Brill door curtains .....	4.00
13	bottom spring for curtains .....	19.50
133	open car curtains .....	133.00
1	electric car heater .....	5.00
4	telephone generators .....	12.00
3	receivers (telephone) .....	4.50
25	car trap vestibule door hangers .....	1.25
1	illuminating car deck sign, Hunter.....	12.50
2	storm sash 4 light 15 in. x 16 in. ....	3.50
12	single switch contact K. 28 cont.....	3.00

Material in Storeroom.—Continued.

		Present Value.
325	K. 12 controller reverse segments.....\$	32.50
12	double switch contact K. 28 cont.....	3.00
12	switch blades K. 2 .....	3.60
6	switch contact K. 2 .....	3.00
43	controller finger adjustments .....	3.44
37	G. E. 800 controller finger springs.....	3.70
91	K. 2 controller reverse contact fingers.....	9.10
10	K. 28 controller segments No. 33,838.....	3.50
3	circuit breaker handle spring No. 11,093.....	.60
6	single switch contact and binding post.....	1.80
35	controller segments, cut No. 17,623.....	3.50
6	interlocking arm for K. 28 controller.....	7.50
10	connection blocks for D. R. circuit breaker.....	5.00
10	contact segments for D. R. 2 breaker No. 11,090.....	4.00
26	double contact fingers No. 11,065.....	15.60
11	G. E. 800 pressure spring brush holders.....	1.10
27	G. E. 52 pressure spring brush holders.....	4.05
17	G. E. 70 pressure spring brush holders.....	3.40
8	arching top with stud D. R. breaker.....	3.20
19	controller pawl spring K. 28.....	1.90
25	segments for controller K. 2.....	3.75
1	tripping armature complete No. 15,470.....	1.00
7	catch and spring D. R. circuit breaker No. 3,891.....	7.70
11	knobs for circuit breaker armature No. 18,397.....	3.30
6	controller segments K. 2 No. 33,837.....	2.10
16	double contact finger M. O. ....	9.60
5	contact base for M. O. breaker.....	3.25
6	¾ in. mica brake insulators.....	6.00
2	¼ in. mica brake insulators.....	1.50
1	AA commutator .....	14.00
30	insulating bushings for AA 1.....	4.50
30	insulating washers for AA 1.....	3.00
4	cylinder head valves caps.....	1.60
4	switch and discharge valves AA 1.....	5.00
30	commutator mica band rings .....	9.00
30	commutator mica top rings .....	9.00
7	magnet coils for AA 1.....	34.30
7	armature bearings, pinion end.....	13.30
6	armature bearings, commutator end.....	15.60
7	8 in. leather washer rings for AA 1.....	5.95
22	commutator discs for AA 1 .....	5.50
13	segments, commutator No. 17,620.....	5.20
1	Vulcan stove .....	20.00
18	lengths 6 in. stove pipe .....	2.16
1	elbow 6 in. stove pipe .....	.15
12	pairs brass vestibule door hinges.....	6.00
8	Brill window catches.....	6.24
29	lb. blue chip steel 1 in. x 2 in.....	20.59
1	lb. blue chip steel ½ in. x 1 in.....	.71
2½	lb. blue chip steel ½ in. x 1¼ in.....	1.78
3	lb. blue chip steel ¾ in. x 1½ in.....	2.13
3	2 pole single knife switches 9 ft. x 19 in. slate .....	18.00
36	G. E. 500 K. W. dynamo coils .....	108.00
1	pair Fairbanks platform scales.....	26.00
1	2 wheel freight truck .....	7.00
1	18 in. monkey wrench .....	2.25
1	claw hammer .....	.75
1	pinch bar .....	.75

# 440 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom.—Continued.

		Present Value.
8	10 gal. cans, empty .....	\$ 8.00
5	lb. aluminum bronze .....	6.75
2	pinions for air motors .....	5.50
4	lb. gold bronze .....	5.00
4	pkgs. Coles aluminum leaf .....	4.00
1	automatic rail cutter and stand.....	18.00
3	16 in. rail saws .....	9.00
3	Ray motors bevel gears.....	30.00
1	wood split pulley 4½ in. x 14 in.....	1.62
2	7 in. sprocket gears .....	3.50
1	12 in. sprocket gears .....	2.80
35	ft. 2 in. sprocket chain with 35 buckets 3½ in. x 5 in....	18.00
47	1 in. stud bolts 8 in. ....	4.70
28	1 in. crown nuts .....	1.40
38	1 in. x 4 in. machine bolts for cotter keys.....	2.09
1	testing box for incandescent lamps.....	75.00
1	reading instrument for testing incandescent lamp.....	
16	empty oil barrels .....	19.20
20	gal. best insulating paint .....	30.00
1	pair 6 in. shears .....	1.25
1	cold chisel .....	.30
1	Yale padlock .....	1.50
1	spring lock .....	.65
8	brass padlocks .....	6.00
7	empty reels No. 313 .....	10.50
4	rheostat wire .....	.80
2	large scrap copper boxes .....	40.00
4	rolls ¾ in. gold ribbon.....	1.60
1	B. & S. wire gauge.....	1.60
7	metallic crossover lines .....	22.40
2	insulated crossover lines .....	12.00
1	insulated crossover lines .....	6.00
5	insulated crossover lines .....	30.00
12	McGuire truck corners No. 315.....	93.00
12	McGuire truck corners No. 320.....	150.00
5	5 gal. cans, empty .....	2.50
1	wire reel comb .....	3.00
3	6 in. standard thermometers, Parker.....	3.60
106	brass sleet cutters .....	8.48
3	steel motor rheostats .....	15.00
1	set No. 91 solid rubber alphabet type.....	1.40
3	snow plow castings, 50 lb.....	6.00
1	¾ in. reduction valve .....	10.00
1	¾ in. check valve .....	.75
4	ratchet brass handles .....	20.00
1	Garton lightning arrester, iron box.....	3.00
63	iron car gates 3 ft. 4 in. x 3 ft. 3 in.....	315.00
1	2 in. angle valve .....	2.20
2	3½ in. brass axle collars, 6 lb. ....	4.20
1	3½ in. flanged union .....	.85
1	3 in. gate valve .....	7.75
1	tee 2½ in. x 4 in. ....	.65
2	40 in. car wheels, 3 in. hub .....	20.30
1	steel hose cart with 35 ft. 1¼ in. rubber hose.....	7.50
1	iron pulley 24 in. x 14 in.....	5.33
1	32 in. sheet iron bender and stand .....	17.00
1	tinner's crimping machine .....	12.00
1	16 in. Boston blacksmith blower.....	9.00

Material in Storeroom.—Continued.

		Present Value.
4	2½ in. elbows.....	\$ 1.28
8	ft. 2½ in. pipe .....	.24
49	Brill motor support springs, long.....	13.48
30	McGuire journal box springs.....	12.00
5	Brill equalizing springs .....	2.50
4	11 in. car gongs .....	6.60
1	13 in. car gong.....	1.75
18	trailer springs 4 in. x 9 in., 2 in. x ¾ in. steel.....	12.60
22	McGuire truck springs .....	21.12
2	G. E. controller backs .....	10.00
1	G. E. controller K. 2 speed roll.....	3.70
2	window sash 24 in. x 34 in.....	1.60
2	speed roll guides for G. E. controller K. 28.....	10.00
2	electric gate openers .....	24.00
11	globes, arc light .....	8.25
1	trolley party cluster board, 30 sockets.....	12.00
1	trolley party cluster board 45 sockets.....	15.00
1	4 in. elbow cast iron .....	.60
1	4 in. nipple .....	.75
3	ft. 4 in. pipe.....	.30
41	locust pole pins .....	.82
51	porcelain insulators 3 in. x 3 in.....	2.04
1	iron pulley 14 in. x 33 in.....	12.28
1	iron pulley 13 in. x 26 in.....	8.84
1	iron pulley 4½ in. x 16 in.....	2.16
1	iron pulley 5 in. x 6 in.....	1.12
1	wood split pulley 3½ in. x 7 in.....	.90
1	wood split pulley 7 in. x 8 in.....	1.21
2	wood split pulleys 5 in. x 9½ in.....	2.60
1	Ward Leonard starting box 15 in. x 17 in. slate top 20 in. x 20 in. x 1 in. base.....	7.00
6	lb. journal brasses for sweeper.....	1.92
1	steam gauge 8 in. 100 lb. pressure.....	4.00
2	air motor armature shaft AA 1.....	11.00
1	air motor cylinder head AA 1 .....	2.00
7	General Electric controllers K 12.....	245.00
1	office letter press.....	2.00
2	controller backs .....	16.00
1	Ray motor controller .....	20.00
4	controller tops K 12 brass .....	12.00
1	bottom .....	1.00
5	inside seat castings, bird cages .....	.75
7	outside seat castings, bird cages.....	1.05
2	sink traps, lead 63d st. and Stony Island ave.....	2.00
3	trolley quadrants No. 13 malleable, 45 lb.....	3.60
218	castings, 2 and 18 for cars.....	10.90
19	reverse keys for controller, brass.....	19.00
8	reverse keys for controller, Ray brass.....	10.00
3	controller keys, iron .....	.75
1	7 in. stove pipe floor thimble.....	.90
1	7 ft. brake rod.....	1.50
1	canvas covered seat 21 springs, 40 in. x 15 in.....	8.00
1	screen door 7 ft. 6 in. x 2 ft. 6 in.....	2.00
1	canvas shade 7 ft. x 4 in. iron frame.....	3.00
7	awnings and iron frames 7 ft. 6 in. in ½ circle.....	7.00
1	Wagenhals electric headlight 20 in. reflector.....	20.00
1	Wagenhals electric headlight 23 in. reflector.....	15.00
5	large carbide headlight 20 in. reflector.....	50.00

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Material in Storeroom.—Continued.

		Present Value.
30	candle car chandelier and 4 globes with same.....	\$ 45.00
1	Stromberg-Carlson 40 drop switch-board 18 in. x 48 in. for repairs .....	20.00
2	car cables .....	13.50
1	screen door 7 ft. 3 in. x 2 ft. 8 in.....	2.00
1	alcohol jack 10 ton.....	40.00
3	G. E. lightning arresters in boxes for repairs.....	6.00
1	cane car seat 10 ft. x 15 in. ....	9.00
1	car seat frame .....	1.50
2	cherry car window frames with glass 34 in. x 19 in.....	3.60
1	five light cluster.....	3.00
1	12 in. headlight reflector .....	1.00
1	gasoline street lamp 18 in. x 18 in. x 36 in.....	3.00
1	car grab handle .....	1.50
1	flexible shaft with emery wheel and fixture for grinder 9 ft. long .....	55.00
1	Gem sheet iron stove.....	3.50
30	lb. No. 6 D. C. C. copper wire.....	22.20
2	double pole double throw switches on marble base 8 in. x 12 in. ....	8.00
1	starting box 11 in. x 11 in. x 14 in.....	3.00
2	steel shaft bearings in halves for 6 in. shaft.....	9.00
8	air door checks .....	6.00
1	car corner post casting, 15 lb.....	1.20
4	Westinghouse lightning arresters .....	5.00
1	stove door for small car 1½ lb.....	.07
1	3 in. malleable ell.....	.75
7	insulated crossovers, special 5 ft. 6 in.....	140.00
4	metallic crossovers, special 4 ft.....	88.00
2	pr. wood clamps 18 in. ....	.90
39	ft. twine, 49 strand No. 10 wire 20 p.....	.70
16	ft. cable 19 strand No. 4 wire D. R. C.....	6.40
10	gal. black japan dryer .....	7.50
2	fire extinguishers .....	16.00
19	G. E. lightning arresters in boxes for repairs.....	28.50
1	10 light cluster .....	10.00
150	ft. fire hose and couplings .....	33.00
1	gear case G. E. 52 top and bottom.....	13.25
6	advertising signs 4½ in. x 12 in.....	1.20
3	fire water barrels .....	3.60
80	red signal flags .....	8.00
3	oak window sash 26 in. x 36 in. for cars.....	2.10
22	oak window sash 32 in. x 35 in. for cars.....	17.60
1	car transom frame and glass.....	2.00
5	15 porcelain electric light shades .....	3.25
300	ft. D. R. C. No. 14 solid copper wire.....	4.27
15	ft. sprocket chain 74 sprockets 4½ in. x 2 in.....	10.50
31	cane car seats 21 in. x 17 in. ....	124.00
6	car seats carpet covered 23 in. x 17 in.....	24.00
30	car seats frames .....	45.00
33	car seats panels .....	33.00
1	bellows 17 in. x 30 in. ....	1.00
141	curtains (car) .....	141.00
28	ft. leather belting 14 in. wide, double thick.....	28.00
150	lb. asbestos .....	7.50
6	10 ft. trolley party deck lights.....	30.00
34	G. E. lightning arresters in boxes for repairs.....	51.00
37	Garton lightning arrester boxes, empty.....	11.10



# 444 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom.—Continued.

		Present Value.
28	Garton lightning arresters for repairs.....	\$ 56.00
6	G. E. lightning arresters, empty.....	1.80
11	oak signs frames 12 in. x 44 in.....	2.20
3	oak sign frames 12 in. x 18 in.....	.45
10	21 in. x 12 in. x 8 in. dash signs.....	7.50
1	tinner's charcoal stove .....	2.00
2	cane car seats 10 ft. x 17 in.....	18.00
1	car seat cane 10 ft. x 24 ft. ....	1.50
9	water closet water tanks, zinc lined, 8 in. x 11 in. x 10 in.	54.00
12	ft. 3 in. pipe.....	.36
1	3 in. tee .....	.33
2	3 in. ells .....	.44
168	ft. 9 strand No. 4 D. R. C. juted cable.....	87.36
14	3 in. cast elbows with dampers.....	11.20
2	ornamental stove tops, small cars.....	.09
20	Brill car heater guards.....	6.00
1	stove for small cars, complete.....	7.50
20	iron curtain rods, 30 in. long.....	3.00
2	controller finger boards, 10 fingers each.....	2.00
1	dash cluster board wired for 15 lights.....	7.00
10	oak advertising frames, 16 in. x 20 ft. ....	1.80
2	transom sashes, 10 in. x 20 in., with glass.....	3.00
2	car window sashes, 36 in. x 36 in. ....	4.00
1	trolley party clusters for 188 lights.....	30.00
5	window screens, 28 in. x 28 in. ....	10.00
68	$\frac{3}{8}$ in. brass cap nuts.....	2.04
24	$\frac{1}{2}$ in. brass cap nuts.....	2.40
14	brass 3 rod window guard brackets.....	2.52
5	brass car gate brackets.....	1.25
135	transom rods .....	20.25
10	brass bell cord brackets.....	3.50
13	8 in. shelf brackets, iron.....	3.90
6	lb. fibre .....	1.38
122	ft. $\frac{3}{8}$ in. brass tubing, 40 lb. ....	10.80
1	starting box .....	5.00
1	rawhide pinion, 35 teeth, brass case.....	9.00
5	3 pole double throw knife switch.....	15.00
1	2 pole double throw knife switch.....	3.00
1	Cutter starting box, 500 volts.....	10.00
1	5 in. trolley wheel and harp.....	2.00
1	$3\frac{1}{2}$ in. trolley wheel .....	1.10
2	window screens, 3 ft. 6 in. x 3 ft. 3 in. ....	1.50
1	window screen, 8 ft. x 2 ft. 4 in.....	.75
1	screen door, 6 ft. 11 in. x 2 ft. $7\frac{1}{2}$ in. ....	2.00
4	window screens, 4 ft. 7 in x 2 ft. $4\frac{1}{2}$ in. ....	3.00
14	window screens, 2 ft. $9\frac{1}{2}$ in. x 1 ft. $8\frac{1}{2}$ in. ....	10.50
8	window screens, 2 ft. $4\frac{1}{2}$ in. x 2 ft. $3\frac{1}{2}$ in. ....	6.00
8	window screens, 2 ft. $3\frac{1}{2}$ in. x 1 ft. $8\frac{1}{2}$ in. ....	6.00
1	window screen, 1 ft. 6 in. x 2 ft. ....	.75
1	steel casting S40 for wheel press, 430 lb. ....	34.40
1	steel casting, S41 for wheel press, 152 lb.....	12.16
4	steel castings S28 for car skids, 480 lb. ....	38.40
15	steel castings S28 for car skids, 118 lb. ....	9.44
1	collar and bell for 5 in. suction hose, with strainer and valve .....	10.00
1	carbon rheostat, 24 in. x 14 in. x 7 in., with iron frame..	8.00
1	Fairbanks platform counter scale, capacity 240 lb. ....!	7.00
1	set No. 16 rubber numbers.....	2.25

Material in Storeroom.—Continued.

		Present Value.
1	set No. 0 rubber numbers.....\$	.75
1	pair 8 ft. barrel skids.....	6.00
90	Brill car seat rivets.....	5.40
4	copper generator brushes (White City).....	12.00
1	table .....	2.50
1	double black walnut desk.....	40.00
1	arm chair .....	3.00
1	office chair .....	6.00
1	waste basket .....	.25
1	double ink stand glass.....	.75
3	letter file boxes.....	1.20
1	galvanized 18 qt. water pail.....	.75
5	oil faucets .....	6.25
4	1 gal. measures.....	1.00
3	funnels .....	.45
1	8 day clock.....	7.50
8	M requisition blanks .....	4.00
1	M credit requisition blanks .....	1.50
295	car threshold plates, 2 lb. each.....	26.55
1	cupboard for files and drills.....	10.00
1	trolley bridge terminal brass, 31 lb. ....	9.92
245	D. B. R. C. No. 4 21 strand copper wire.....	12.79
16	fibre chutes D. R. circuit breaker.....	36.00
200	lb. aluminum borings .....	30.00
200	ft. 1 in. circular loom.....	23.34
2	12 ft. ladders.....	2.50
2	brass door bolts.....	.70
10	lb. sheet rubber packing.....	4.50
4	speed regulators .....	4.00
4	old style lightning arresters.....	3.00
25	Peter Smith smoke jacks for Brill cars.....	31.25
4	steel motor resistance boxes.....	20.00
3	steel motor controller handles.....	2.25
1	controller board and fingers.....	2.00
2	3 way 3 in. reducing valves.....	12.00
1	1 in. brass shut-off cock.....	.75
1	2 in. x ¾ in. x 2 in. tee.....	.40
200	lb. copper switch parts.....	60.00
2	1½ in. hose couplings, brass.....	.80
4	door check springs .....	3.00
76	4 ft. sheet iron curtain slides.....	15.20
3	steel motor fuse boxes, type 1.....	3.00
5	galvanized iron wire guides, 3 ft. 10 in. ....	7.50
50	lb. No. 10 steel banding wire.....	9.50
40	ft. No. 4 7 strand D. R. C. copper wire.....	1.89
9	10 ft. trolley party light brackets.....	36.00
6	lengths 6 in. stove pipe.....	.72
2	6 ft. trolley deck brackets, 15 light sockets.....	6.00
23	oak advertising frames, 12 in. x 44 in. ....	5.75
7	transom frames, 8 in. x 30 in. ....	14.00
2	oak advertising frames, 10 in. x 12 in. ....	.20
5	Detroit field forms .....	25.00
8	steel motor controllers .....	200.00
37	brass line hangers, 2 lb. ....	51.80
2	5 in. gear wheels.....	1.00
1	8 in. beveled gear wheel.....	1.40
2	10 ft. x 17 in. car seat cane.....	18.00
1	9 ft. x 17 in. car seat cane.....	8.00

# 446 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Storeroom—Continued.

		Present Value.
1	arc light frame.....\$	1.00
5	G. E. K.-12 controllers.....	175.00
3	controller backs .....	18.00
3	sheet iron controller fronts.....	15.00
6	50 gal. iron barrels.....	18.00
2	Detroit reversing switch blocks.....	10.00
2	electric heaters .....	12.00
6	commutator form castings, 20 lb. ....	5.40
40	motorman's seat tops, 10 in. ....	6.00
2	G. E. 800 controller hinge blocks.....	1.50
1	varnish mixer .....	10.00
100	lb. yellow ochre .....	.75
2	brass grabhandles .....	5.00
1	form for winding G. E. 800 armature coils.....	28.00
40	lb. $\frac{1}{8}$ in. x 4 in. fibre.....	9.20
2	10 in. gongs.....	2.70
2	8 in. gongs.....	2.50
2	springs, 22 in. x 5 in. x $\frac{1}{8}$ in. elliptic.....	5.00
2	clamp iron .....	1.60
1	smoke jack, 5 lb. ....	2.00
4	cast iron lever handles, 6 lb.....	1.08
1	wood double tackle block, 8 in. ....	1.80
4	stove pokers .....	.40
4	sheets galvanized iron, 36 in. x 96 in. ....	7.08
43	Shaw lightning arresters .....	150.50
4	transom frames, 30 in. x 7½ in. ....	8.00
300	lb. rheostat band wire.....	60.00
1	cast iron base, 10 lb. ....	.40
1	large 6 in. trolley wheel.....	1.50
2	5 in. cog wheels .....	1.20
2	6 ft lawn benches.....	10.00
5	lb. 2 in. round fibre.....	1.15
1	2½ in. round oak, 4 ft. long.....	.20
1	12 in. x 4 in. wood pulley, split.....	1.23
1	9 in. x 5½ in. wood pulley, split.....	1.26
1	9½ in. x 5 in. wood pulley, split.....	1.30
1	11 in. x 3½ in. wood pulley, split.....	1.30
1	11 in. x 4 in. wood pulley, split.....	1.30
1	8½ in. x 13 in. wood pulley, split.....	2.12
50	ft. 1¼ in. hemp rope.....	1.00
1	Brill vestibule sash and glass (drop).....	1.80
1	double pull double throw switch, marble base, 8 in. x 12 in. ....	3.20
1	straight bore pinion, 5 in. x 4½ in., 14 teeth.....	3.75
1	electric starting board.....	300.00
1	brass axle bearing for Ray motor.....	1.50
1	Brill journal brass .....	1.71
1	Peckham axle brass .....	1.60
4	solid McGuire end locks, 2 lb. ....	2.56
7	dump car journal brasses, 6 lb. ....	13.44
1	lead weight, 25 lb. ....	1.00
3,600	window stop castings, malleable, 300 lb. ....	24.00
16	cupola brasses axle, 6 lb. ....	30.72
4	Smith heater grates .....	6.00
3	smoke stack collars .....	1.50
2	large smoke stack collars.....	2.00
2	cast iron doors, cupola, 30 lb. ....	2.70
1	cast iron frames, cupola, 15 lb. ....	.68

Material in Storeroom—Continued.

		Present Value.
150	sweeper castings, 1½ lb., malleable.....\$	18.00
3	axle brasses, 20 lb. ....	19.20
4	steel rings, ¾ in. x ¾ in. x 18 in. ....	2.04
2	odd advertising frames, 11 in. x 13 in. ....	.30
1	cast iron axle collar ....	.48
2	Curtis malleable brake hangers, D-21-L.....	3.00
2	rocker arms for Ball engines, No. 16, for power house engines, 75 lb. steel.....	12.00
1	cast steel casting shaft, 50 lb. ....	4.00
6	railroad switch taps ....	2.00
6	journal brasses (Peckman), 4 lb. ....	7.68
40	2½ in. hose couplings, brass.....	20.00
15	trailer connecting couplings ....	6.00
50	rail guards for cars, 1½ lb. brass.....	24.00
16	G. E. 800 armature bearings.....	5.92
1	glass lamp shade, 10 in. ....	.50
50	window guard brackets, brass.....	25.00
10	brass door handles ....	4.70
7	door checks ....	37.80
12	brass door knobs ....	7.20
6	pair brass 4 in. butts.....	1.20
6	ceiling guards over stove.....	1.50
18	brass door catches ....	5.04
2	double contact knife switches. board back.....	5.00
1	large oil canvas tarpaulin, 8 ft. x 10 ft. ....	5.00
200	lb. McGuire truck castings, malleable.....	16.00
200	ft. 2½ in. fire hose and couplings.....	48.00
44	oil cups, brass, 3 lb. each.....	42.24
7	cast steel cupola castings, 15 lb. each.....	8.40
100	lb. D. B. R. C. insulated No. 4 copper wire.....	4.72
8	brake handles, brass, ratchet ....	42.40
3	McGuire spring truck castings, malleable, 19 lb. ....	5.40
2	10 in. glass lamp shades.....	1.00
80	ft. 4 in. cotton cable cover (hose).....	8.00
50	½ in. stud hangers ....	15.00
6	brass grab handles ....	6.30
90	brass grab handle brackets, 2 lb. each.....	57.60
7	brass grab handles ....	7.35
14	lamp porcelain shades, 18 in. ....	10.50
125	lb. No. 4 C. C. copper wire.....	25.00
12	lengths special 5 in. stove pipe for Robey cars.....	10.20
Total .....		\$25,710.07

## TOOLS AND SUPPLIES POWER HOUSE.

	Present Value.
7 furnace door linings .....	\$ 14.00
2,000 grate section clips, 4,667 lb. ....	186.68
62 cast iron floor plates, 30 in. x 42 in. x $\frac{1}{2}$ in., 7,812 lb. ....	234.36
121 cast iron floor plates, 15 in. x 20 in. x $\frac{1}{2}$ in., 7,502 lb. ....	225.06
1 pair rocker arms for Buckeye valve shaft.....	15.00
1 pair extra piston rings, 42 in. diameter, l. p. side of Buckeye engine .....	10.50
1 Crosby pyrometer, 1,000° .....	7.00
1 mercury column for testing vacuum gauges.....	3.00
1 mold for making manhole gaskets.....	6.50
1 hand winch .....	7.00
1 office desk .....	10.00
2 common chairs .....	1.00
1 two well inkstand .....	.50
1 supply cabinet, 1 ft. 6 in. x 8 ft. x 9 ft. high, 4 doors and 6 drawers .....	25.00
1 supply cabinet, 1 ft. 2 in. x 3 ft. x 8 ft. high, 2 doors and 6 drawers .....	18.00
1 clock engineer's room .....	24.00
1 fire extinguisher .....	7.50
2 pair cast iron shelf brackets, 6 in. x 8 in. ....	.40
8 sticks piston Christholm commutator compound.....	2.35
2 wall cases in engineer's office.....	10.00
8 8 in. x 12 in. mirror.....	.50
54 metal manhole gaskets .....	40.50
5 lb. Cling Surface belt dressing .....	1.50
50 lb. No. 12 steel band wire.....	7.50
2 2 in. open end wrenches.....	2.18
5 $1\frac{3}{4}$ in. open end wrenches.....	5.45
4 $1\frac{3}{8}$ in. open end wrenches.....	2.56
1 $2\frac{1}{4}$ in. open end wrench.....	2.08
1 $2\frac{1}{2}$ in. open end wrench.....	2.48
4 $1\frac{1}{8}$ in. open end wrenches.....	1.28
3 $1\frac{5}{8}$ in. open end wrenches.....	1.92
1 $1\frac{7}{8}$ in. open end wrench.....	.86
2 $1\frac{1}{4}$ in. open end wrenches.....	.80
1 $\frac{7}{8}$ in. open end wrench.....	.20
1 3 in. open end wrench.....	3.85
3 $\frac{3}{4}$ in. open end wrenches.....	.30
1 $2\frac{1}{4}$ in. open end wrench.....	1.54
2 $\frac{5}{8}$ in. open end wrenches.....	.24
2 $\frac{3}{4}$ in. open end wrenches.....	.24
1 $\frac{7}{8}$ in. open end wrench.....	.09
1 $\frac{1}{2}$ in. open end wrench.....	.10
1 1 in. open end wrench.....	.25
1 $\frac{1}{4}$ in. open end wrench.....	.08
2 2 in. socket wrenches.....	1.10
2 $1\frac{3}{4}$ in. socket wrenches.....	.76
1 $1\frac{7}{8}$ in. socket wrench .....	.42
1 $1\frac{1}{2}$ in. socket wrench .....	.39
3 $1\frac{3}{8}$ in. socket wrenches.....	1.20
1 $1\frac{1}{4}$ in. socket wrench .....	.35
3 1 in. socket wrenches.....	.87
1 $1\frac{1}{4}$ in. socket wrench.....	.35
3 1 in. socket wrenches.....	.87
2 $\frac{7}{8}$ in. socket wrenches.....	.52
3 $\frac{3}{4}$ in. socket wrenches.....	.66
1 $1\frac{5}{8}$ in. socket wrench .....	.42

Tools and Supplies, Power House—Continued.

		Present Value.
6	1½ in. socket wrenches.....	\$ 1.92
2	7⁄8 in. socket wrenches.....	.52
1	¾ in. socket wrench .....	.19
1	7⁄8 in. socket wrench .....	.18
2	2 in. socket wrenches.....	1.10
1	1½ in. and ½ in. "S" wrench, double end.....	.49
1	5⁄8 in. and ½ in. "S" wrench, double end.....	.30
1	½ in. and 3⁄8 in. "S" wrench, double end.....	.24
1	7⁄8 in. and 7⁄8 in. "S" wrench, double end.....	.30
1	15⁄8 in. and 1½ in. "S" wrench, double end.....	.64
1	5⁄8 in. and ¼ in. "S" wrench, double end.....	.30
1	¾ in. and 7⁄8 in. "S" wrench, double end.....	.64
1	1¼ in. and ¾ in. "S" wrench, double end.....	.49
1	1½ in. and 1½ in. "S" wrench, double end.....	.49
1	1¾ in. and 1¾ in. "S" wrench, double end.....	.75
1	1¼ in. and 1 in. "S" wrench, double end.....	.64
1	1¾ in. and 1¾ in. "S" wrench, double end.....	.64
1	5⁄8 in. and 5⁄8 in. "S" wrench, double end.....	.24
1	24 in. monkey wrench.....	1.58
1	14 in. monkey wrench.....	1.08
2	8 in. spanner wrenches.....	2.00
1	5 in. spanner wrench.....	.55
1	4½ in. spanner wrench.....	.50
1	3 in. spanner wrench.....	.40
1	tap wrench .....	.50
2	4 in. roller expanders.....	12.00
1	4½ in. roller expander.....	8.00
2	cast steel clamps, 4½ in. opening.....	3.26
3	1¼ in. eye bolts.....	.30
7	1 in. eye bolts.....	.56
3	7⁄8 in. eye bolts.....	.24
6	5⁄8 in. eye bolts.....	.44
1	10 ton ratchet jack.....	12.00
1	3 in. x 30 in. screw jack.....	7.30
1	3 in. x 14 in. screw jack.....	4.86
1	2 in. x 8 in. screw jack.....	1.49
1	dudgeon 10 ton hydraulic jack.....	40.00
3	pinch bars for moving cars.....	3.00
4	coal picks .....	2.00
9	No. 7 scoop shovels.....	5.06
3	brooms .....	.69
8	ash hoes .....	16.40
3	slice bars .....	4.20
4	16 qt. galvanized iron pails.....	1.60
3	steel wheelbarrows No. 04½.....	12.27
3	extra steel trays for barrows.....	6.00
2	steel crossing brushes .....	1.16
2	rubber edge squeegees .....	.46
200	ft. 1¼ in. manila rope.....	26.00
1	pair 6 ft. double fall blocks for same.....	2.75
1	pair 4 ft. double fall blocks for 1 in. rope.....	1.96
100	ft. 1¼ in. rope.....	13.00
1	1¼ in. x 8 in. steel hook for moving cars.....	.80
1	steel 8 in. snatch block for 1¼ in. rope.....	5.10
1	mortar hoe .....	.75
1	pair No. 7 tin snips.....	1.75
2	16 in. half round files.....	.72
3	14 in. mill files.....	.48

# 450 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies, Power House—Continued.

	Present Value.
1 steel frame for turning commutator No. 2 dynamo.....\$	5.50
1 tool rest for turning Walker dynamo.....	5.00
1 tool post and screw for use on both frames.....	10.00
2 Blue Clip diamond point tools, 3 in. x 1½ in., for use on commutator .....	4.00
1 diamond point tool, blue chip steel, ⅝ in. x 1 in., 6 in. long	2.00
1 12 lb. sledge hammer.....	1.00
3 drill ratchets .....	16.80
2 old men for ratchets.....	2.00
1 1½ in. twist drill, square shank, for ratchet.....	.50
1 1⅞ in. twist drill, square shank, for ratchet.....	1.41
2 1 in. twist drills, square shank, for ratchet.....	1.84
1 2¼ in. twist drill, flat shank, for ratchet.....	1.75
1 1¼ in. twist drill, flat shank, for ratchet.....	1.39
1 1⅝ in. twist drill, flat shank, for ratchet.....	1.50
1 1 in. twist drill, flat shank, for ratchet.....	.92
1 ½ in. twist drill, flat shank, for ratchet.....	.31
1 ⅝ in. twist drill, taper shank.....	1.30
1 1 in. twist drill, taper shank.....	.92
1 ¾ in. twist drill, taper shank.....	.58
1 1½ in. twist drill, taper shank.....	.50
1 ⅞ in. twist drill shank for ratchet.....	.77
1 ⅞ in. twist drill, taper shank.....	.28
1 1½ in. twist drill, flat taper shank.....	1.50
1 1⅝ in. twist drill, flat taper shank.....	1.50
2 White Mfg. Co. hot blast blow torches.....	11.00
2 pair 27 in. calipers.....	4.00
1 12 in. x 24 in. steel square.....	.50
1 tin tubular lantern .....	.50
1 railroad lantern .....	.60
1 14 ft. ladder .....	2.80
1 7 ft. ladder .....	1.40
1 6 ft. ladder .....	1.20
1 No. 3 Armstrong stock, with dies 1¼ in., 1½ in. and 2 in. ..	7.20
1 No. 2 Armstrong stock, with dies ¼ in., ⅜ in., ½ in., ¾ in. and 1 in. ....	5.00
1 No. 7-3 cutter pipe cutter, 6 in. pipe.....	7.50
1 No. 4-3 cutter pipe cutter, 4 in. pipe.....	5.00
1 No. 2-1 wheel pipe cutter.....	1.30
1 No. 1 Trimo pipe cutter.....	3.00
1 pair 6 ft. chain tongs.....	7.00
1 pair 5 ft. chain tongs.....	5.60
1 pair 4 ft. chain tongs.....	4.50
2 24 in. Trimo pipe wrenches.....	4.80
1 18 in. Trimo pipe wrench.....	1.60
1 pair 2 in. Armstrong pipe dies.....	.60
1 pair 1½ in. Armstrong pipe dies.....	.60
1 pair 1 in. Armstrong pipe dies.....	.50
1 ½ in. solid pipe dies.....	.30
1 ¼ in. solid pipe dies.....	.25
1 2 in. pipe tap.....	1.25
1 1½ in. pipe tap.....	.92
1 1¼ in. pipe tap.....	.75
1 1 in. pipe tap.....	.62
1 4 in. Liberty heavy duty turbine tube cleaner.....	60.00
1 4 in. Wailand turbine tube cleaner.....	41.00
1 3 in. Wailand turbine tube cleaner.....	32.00
25 Star cutters for turbine cleaner.....	1.35

Tools and Supplies, Power House—Continued.

		Present Value
1	oily waste press .....	\$ 15.00
1	barrel skid .....	5.00
1	tube welding machine, Manning, Maxwell & Moore.....	90.00
1	24 in. round forge, with 12 in. bore.....	18.00
1	Trenton anvil, 180 lb. ....	12.00
5	2 qt. copperized steel oil cans, 12 in. nozzles.....	7.50
2	small steel squirt cans.....	.50
1	pair wrist pin brasses for ball engine.....	7.20
2	pair low side piston rings, 42 in. diameter, for Buckeye en- gine .....	10.50
7	pair low side piston rings for low side of Ball engine, 25 in. diameter .....	10.50
1	pair crank pin boxes for Armington and Sims engine.....	10.00
1	No. 2 2 in. Gardener standard engine governor for air com- pressor .....	31.00
1	No. 14 Metropolitan automatic injector.....	36.50
1	No. 14½ double tube Metropolitan injector.....	73.00
12	manhole crabs for boilers.....	11.76
1	14 in. gate valve flanged.....	64.00
1	8 in. Chapman gate, extra heavy flanged.....	11.30
1	8 in. Crane standard .....	14.73
1	7 in. Crane globe, screwed .....	25.53
1	5 in. Crane angle .....	16.34
3	4 in. Crane gate, extra heavy.....	16.95
1	6 in. Ludlow gate, screwed end, standard.....	11.30
2	5 in. Crane standard gate.....	16.62
1	3½ in. Crane standard gate.....	5.98
1	4 ft. angle standard.....	5.81
1	4 in. check valve .....	4.36
1	2½ in. standard gate valve .....	3.67
1	5 in. standard globe valve .....	7.23
4	2 in. standard globe valve .....	11.24
2	1½ in. standard globe valve .....	3.76
1	1½ in. standard angle valve .....	1.07
2	2 in. standard check valves .....	5.00
5	¾ in. standard globe valves .....	3.00
2	¾ in. standard angle valves.....	.78
2	1 in. check valves .....	.94
1	2 in. quick opening gate valves.....	4.28
3	14 in. flanged ells, extra heavy.....	45.00
1	12 in. flanged ells, standard .....	6.00
3	10 in. flanged ells, extra heavy .....	25.20
1	8 in. flanged ells, extra heavy .....	5.10
1	7 in. flanged ells, extra heavy .....	3.60
1	6 in. flanged ells, extra heavy .....	2.40
1	5 in. screwed end standard ell.....	.75
1	6 in. screwed end standard ell.....	1.77
6	4 in. screwed end standard ell.....	2.58
1	3 in. screwed end standard ell.....	.27
6	2½ in. screwed end ell .....	.15
8	1½ in. screwed end ell .....	.48
2	2 in. screwed end ell .....	.16
12	¼ in. screwed end ell .....	.24
2	1 in. street ells .....	.20
13	2 in. screwed ends, ½ in. openings on side ell.....	1.04
1	10 in. 45° ell, flanged.....	8.16
3	1 in. 45° ell., screwed.....	.12
4	¾ in. 45° ell., screwed.....	.08



# 452 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies, Power House—Continued.

		Present Value
1	14 in. flanged 11 in. side outlet tee.....	\$ 18.78
1	flanged 10 in. side outlet tee.....	15.30
1	10 in. flanged 6 in. side outlet tee.....	15.30
1	6 in. x 4 in. x 3 in. flanged tee.....	5.87
2	6 in. flanged tees .....	11.74
2	2 in. screwed end tees .....	.28
1	1/2 in. screwed end tee.....	.09
6	1 1/4 in. screwed end tees .....	.48
1	2 1/2 in. screwed end tee, 1 1/2 in. side outlet.....	.27
1	2 1/2 in. screwed end tee, 1 in. side outlet.....	.27
2	3 in. x 2 in. x 2 in. tees.....	.70
8	1/2 in. malleable tees .....	.88
4	3/4 in. tees .....	.16
3	1/2 in. tees .....	.09
9	2 in. tees, 1/2 in. side outlet.....	1.08
2	2 in. branch tees, 4 branches.....	4.26
7	pair 14 in. flanged unions.....	41.79
1	pair 11 in. flanged unions.....	5.30
1	pair 8 in. flanged unions.....	3.31
2	pair 4 in. flanged unions.....	1.32
1	pair 3 in. flanged unions.....	.47
3	pair 1 1/2 in. flanged unions.....	.54
1	pair 6 in. flanged unions.....	1.25
3	20 in. blind flanged unions, 12 in. x 1/2 in. x 2 1/2 in. ....	43.20
24	5/8 in. x 3 in. machine bolts.....	.72
32	3/4 in. x 4 in. machine bolts.....	1.60
12	1/2 in. x 2 1/2 in. machine bolts.....	.36
6	3/4 in. unions .....	.54
2	1 in. unions .....	.29
10	1/4 in. unions .....	.60
2	1/2 in. unions .....	.18
6	2 in. x 2 1/2 in. bushings.....	.36
1	3 in. x 3 1/2 in. bushing.....	.12
1	2 in. x 3 1/2 in. bushing.....	.12
1	2 1/2 in. x 3 in. bushing.....	.09
1	1 in. x 1 1/4 in. bushing.....	.03
2	3/4 in. x 1 1/4 in. bushings.....	.06
4	3/4 in. x 1 in. bushings.....	.08
1	1/4 in. x 3/4 in. bushing.....	.02
1	1/2 in. x 3/4 in. bushing.....	.02
7	3/8 in. x 1/2 in. bushings.....	.14
1	1 1/4 in. x 3/8 in. bushing.....	.03
10	1 1/2 in. x 2 in. reducers.....	1.20
1	7 in. plug .....	.56
1	5 in. plug .....	.26
4	2 in. plugs .....	.40
3	1 in. plugs .....	.30
1	3/4 in. plug .....	.08
10	3/8 in. plugs .....	.50
2	1/4 in. plugs .....	.10
1	1/2 in. plug .....	.05
2	4 in. caps .....	.60
1	2 1/2 in. cap .....	.12
10	1 1/4 in. caps .....	.70
2	3/4 in. caps .....	.10
28	ft. 6 in. pipe, heavy .....	22.68
31	ft. 4 in. pipe .....	13.02
40	ft. 3 in. pipe .....	11.60

Tools and Supplies, Power House—Continued.

		Present Value
20	ft. 2½ in. pipe .....	\$ 4.40
55	ft. 2 in. pipe .....	7.70
8	ft. 14 in. pipe .....	24.32
1	5 in. cast iron strainer .....	10.00
12	4 in. Jenkins valve disks .....	6.24
6	3 in. Jenkins valve disks .....	1.98
27	2 in. Jenkins valve disks .....	4.86
19	1 in. Jenkins valve disks .....	1.14
1	2½ in. Jenkins valve disk .....	.24
2	⅝ in x 12 ft. long, chain hooks and rings on end.....	7.34
1	½ in. x 12 ft. long, chain hooks and rings on end.....	2.82
1	⅝ in. x 3 ft. long, chain hooks and rings on end.....	1.68
20	bearing cars for furnace.....	52.00
150	grate sections .....	45.00
1	5 section radiator, not erected.....	12.00
67	ft. 1½ in. 85% magnesia pipe cover, new.....	15.19
36	4 in. hard rubber pump valves.....	45.00
17	8 in. soft rubber pump valves.....	34.00
35	bronze coiled springs for Deane condenser valves.....	10.50
35	bronze valve studs, 1 in. x 6 in., for Deane condenser.....	10.50
16	8 in. bronze plates for back of condenser (Deane) valves..	12.80
10	lb. babbitt metal .....	3.50
525	lb. pig lead .....	22.31
2	brass padlocks .....	.56
150	ft. ⅝ in. chain, 630 lb.....	34.02
146	steel plate scraper .....	62.00
102	steel plate, 8 in. x 24 in. x ½ in., drilled.....	48.70
10	empty engine oil barrels.....	12.00
6	empty cylinder oil barrels.....	7.20
417.5	tons soft coal .....	866.31
1	15 in. pipe, 7 ft. long, in yard.....	22.26
1	10 in. pipe, 22 ft. long, in yard.....	47.96
1	10 in. pipe, 9 ft. 6 in. long, in yard.....	20.71
1	16 in. spiral tee .....	15.00
2	pair 15 in. flanges.....	8.40
1	pair 10 in. flanges.....	1.85
1	16 in. 45° ell .....	35.34
1	10 in. 45° ell .....	8.16
1	10 in. x 6 in. x 6 in. tee.....	13.38
1	pair 18 in. flanges.....	11.78
3	6 in. McCree steam clamps.....	19.44
3	2 in. Jenkins angle valves.....	9.99
4	1½ in. Crane angle valves .....	9.48
2	2 in. Crane gate valves .....	5.92
1	1¼ in. Crane gate valve.....	1.31
2	1 in. angle gate valves .....	2.44
1	1 in. globe valve .....	1.00
1	¾ in. angle valve .....	.95
3	½ in. gate valves .....	1.68
3	½ in. angle valves .....	2.22
3	¾ in. angle valves .....	1.95
7	½ in. fusible plugs, Crane Co. ....	.70
17	strips sheet copper, 14 gauge, 1 in., 18 ft. long.....	3.22
1	ft. sheet lead, ⅞ in. x 30 in. x 35 in. ....	.90
1	1¼ in. brass union .....	.79
2	1 in. brass unions .....	1.16
2	½ in. brass unions .....	.62
4	¼ in. brass unions .....	.64

# 454 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies, Power House—Continued.

		Present Value
3	$\frac{3}{8}$ in. iron unions .....	\$ .15
4	$\frac{3}{8}$ in. x $\frac{1}{2}$ in. bushings.....	.20
2	$\frac{1}{4}$ in. x $\frac{1}{2}$ in. bushings.....	.10
3	$\frac{1}{4}$ in. x $\frac{3}{8}$ in. bushings.....	.15
1	$\frac{3}{4}$ in. x 1 in. bushing.....	.10
11	$\frac{3}{8}$ in. elbows .....	.66
3	$\frac{1}{4}$ in. elbows .....	.15
1	$\frac{1}{2}$ in. elbow .....	.05
1	$\frac{3}{4}$ in. street ell .....	.10
2	$\frac{3}{8}$ in. tees .....	.12
1	$\frac{1}{2}$ in. tee .....	.08
2	$\frac{1}{2}$ in. x $\frac{3}{8}$ in. reducers.....	.10
25	lb. Eureka packing .....	11.25
10	lb. graphite flake .....	1.00
1	yard $\frac{1}{8}$ in. rainbow sheet packing, 6 lb. ....	3.60
270	gal. Renown engine oil .....	54.00
143	gal. Douglas B-X cylinder oil.....	71.50
1	Leavitt Machine Co. valve reseating machine, $\frac{1}{4}$ in. to 3 in. ....	67.50
1	Leavitt Machine Co. valve reseating machine, 2 in. to 6 in. ....	112.50
121.7	lb. scrap brass in cellar.....	133.87
298	lb. scrap brass in pipe shed.....	32.78
80	lb. scrap copper, engine room.....	12.80
38	4 in. x 18 ft. boiler tubes.....	118.56
3	bbl. 52 gallons.....	3.60
1	splash tub .....	1.00
1	pattern for waste press nut.....	3.50
1	chest of drawers, 8 ft. x 2 ft. 6 in. ....	15.00
1	wooden fly wheel, rim 6 ft. 6 in. x 11 ft. 6 in. ....	20.00
1	pipe rack .....	4.00
1	bench for pipe machine.....	1.50
1	piece marble, 2 ft. 10 in. x 2 ft. 6 in. x $1\frac{1}{4}$ in. ....	3.00
4	sections switchboard panel, 2 ft. 6 in. x 8 ft. ....	8.00
216	ft. 3 in. yellow pine, dressed.....	17.28
130	ft. 8 in. x 8 in. pine.....	5.20
1	pipe stand, 10 in. base, 2 ft. high.....	4.20
1	lot fitting racks .....	6.00
1	fitting cupboard .....	4.00
1	oil tank, 20 in. x 46 in. ....	3.50
63	cement bags, empty .....	6.30
1	platform in engine room for oil tanks, 2 ft. 6 in. x 8 ft. x 4 ft. 1 in., matched flooring.....	4.00
2	Thompson indicators .....	107.10
1	planimeter (American steam gauge).....	10.80
1	Crosby steam gauge calibrating set.....	54.00
1	reducing wheel for indicating engines, American steam gauge .....	12.85
1	Weston station volt meter, 600 volts.....	31.50
1	Keystone station volt meter, 600 volts.....	30.00
2	Thompson Houston ammeters, 180 amp. ....	76.00
8	extra brush holders for G. E. 500 K. W. generators.....	76.00
3	contact jaws for G. E. form K. circuit breaker.....	16.14
1	contact jaw for G. E. form L. breaker.....	5.38
14	sight feed oil valves for gravity feed, nickel plated.....	25.20
42	ft. $1\frac{1}{4}$ in. 5 ply wire wound water hose.....	29.40
25	ft. $1\frac{1}{2}$ in. 5 ply wire wound water hose.....	21.00
25	ft. $\frac{3}{4}$ in. 6 ply wire wound steam hose .....	22.50
50	ft. $\frac{1}{2}$ in. 4 ply air hose .....	5.50
Total .....		<u>\$5,158.56</u>

PATTERNS.

Pattern Number		Present Value
1 X	metallic crossover .....	\$ 9.00
2 X	metallic crossover .....	8.00
3 X	double yoke or pull off.....	8.00
4 X	single yoke or pull off.....	8.00
5 X	line hanger .....	15.00
6 X	feed ears, core box lost.....	18.00
7 X	line hanger, core box lost.....	15.00
8 X	insulator crossover pan .....,.....	9.00
9 L	right hand switch .....	32.00
10 L	left hand switch .....	32.00
11 X	metallic crossover .....	9.00
12 X	feed wire terminal .....	1.00
13 X	splicing ear .....	9.00
14 X	V switch .....	14.00
15 X	left hand switch.....	11.00
16 X	right hand switch.....	11.00
17 X	part to metallic crossover.....	9.00
18 X	part to metallic crossover.....	10.00
19 X	part to metallic crossover pan.....	13.00
20 X	line ears .....	11.00
21 X	splicing sleeves .....	11.00
22 X	metallic crossover pan .....	10.00
23 X	part to metallic crossover.....	9.00
24 X	part to metallic crossover.....	14.00
25 X	figure and line ear.....	10.00
26 X	line ear .....	12.00
27 X	strain ear .....	12.00
28 X	feed ear .....	14.00
29 X	line ear .....	12.00
30 X	combination Fig. 8 special.....	11.00
31 X	insulator crossover terminal .....	18.00
32 X	feeder splicing sleeves .....	22.00
33 X	circuit breaker lug .....	6.00
34 X	bond terminal .....	5.00
35 X	insulated crossover center .....	15.00
36 X	Figure 8 splicing ears.....	17.00
37 X	feed wire terminal .....	6.00
38 X	feed wire terminal .....	6.00
39 X	figure 8 splicing ear.....	16.00
40 X	metallic crossover pan .....	10.00
41 X	strain ear .....	6.00
42 X	feed ear .....	6.00
43 X	switch clamp .....	3.50
44 X	switch clamp .....	1.00
45 X	line ear .....	3.00
46 X	line ear .....	3.00
47 X	feed wire terminal .....	4.00
48 X	feed wire terminal .....	.75
49 X	feed wire terminal.....	1.50
50 X	double feed wire terminal.....	7.00
51 X	double pull off or yoke.....	12.00
52 X	insulated crossover terminal .....	8.00
53 X	insulated crossover center .....	14.00
54 X	metallic strain ear.....	9.00
55 X	double feed wire terminal.....	2.00
56 X	single feed wire terminal.....	2.50
57 X	single feed wire terminal.....	2.00

# 456 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Patterns—Continued.

Pattern Number		Present Value
58 X	barn hangers .....	\$ 22.00
59 X	line dutchman .....	16.00
60 X	hanger plug .....	6.00
61 X	trolley snap clip .....	8.00
62 X	hanger plug .....	.50
63 X	95th street cable sheave.....	8.00
64 X	terminal . . . . .	2.25
65 X	line ear .....	18.00
66 X	insulated crossover .....	15.00
67 X	insulated crossover center .....	15.00
1 L	single pull off.....	7.00
2 L	double pull off.....	6.00
3 L	stud bolt for pull off.....	3.00
1 E	gong hammer .....	16.00
2 E	car bumper .....	18.00
3 E	trolley stand arm .....	26.00
4 E	trolley quadrant .....	19.00
4 E	trolley quadrant .....	34.00
6 E	trolley harp .....	14.00
7 E	trolley harp .....	6.00
8 E	trolley harp .....	15.00
9 E	long and short seat handles.....	15.00
10 E	side car handle .....	13.00
11 E	grab handle ball sockets .....	11.00
12 E	seat catches .....	5.50
13 E	brake handles .....	3.50
14 E	open car gate catches.....	14.00
15 E	open car gate catches.....	9.00
16 E	curtain slides .....	24.00
17 E	curtain slides .....	24.00
18 E	fender quadrant .....	18.00
19 E	sign sockets .....	25.00
20 E	gong bases No. 11.....	9.00
21 E	gong bases No. 12.....	9.00
22 E	gong bases No. 14.....	6.00
23 E	steps for cars.....	6.00
24 E	trolley pole cord fasteners.....	7.00
25 E	fender top castings .....	7.00
26 E	brake staff nut .....	1.00
27 E	sash rail brake staff castings.....	11.00
28 E	gong hammer .....	2.00
29 E	brake chain clevis .....	18.00
30 E	window fasteners .....	7.00
31 E	yard gate catches .....	25.00
32 E	brake staff bottom castings.....	11.00
33 E	car body coil springs seat.....	9.00
34 E	draw bar T castings.....	13.00
35 E	car corner stiffeners .....	180.00
36 E	open car seat handle.....	3.00
37 E	trolley and sleet wheels.....	185.00
38 E	folding fender pins and dog.....	7.50
39 E	fender bracket .....	12.00
40 E	brake staff ratchet wheel brace.....	2.50
41 E	fender ell .....	19.00
42 E	fender bracket .....	32.00
43 E	fender trip castings .....	5.00
44 E	fender spring hinge.....	2.50
45 E	fender spring castings .....	2.00

Patterns—Continued.

Pattern Number		Present Value
46 E	brake hand wheel.....	\$ 19.00
47 E	double fender spring clips.....	6.50
48 E	single fender spring clips.....	3.50
49 E	brake staff ratchet wheel base.....	3.00
50 E	fender trip .....	3.00
51 E	fender clip .....	19.00
52 E	fender ells .....	38.00
53 E	gate hanger .....	3.00
54 E	awning socket tees .....	19.00
55 E	fender ells .....	12.00
56 E	scraper fittings .....	26.00
57 E	dump car center plates.....	22.00
58 E	mark S-7 big car center plates.....	20.00
59 E	mark S-22 sleet cutter .....	53.00
60 E	mark S-21 sleet cutter .....	19.00
61 E	sleet cutter holder clips.....	8.00
62 E	ventilator pattern .....	28.00
63 E	mark S-28 car window catches.....	18.00
64 E	mark S-29 car window catches.....	19.00
65 E	mark S-30 car window catches.....	18.00
66 E	door roller brackets .....	4.00
67 E	trolley buffer .....	18.00
68 E	window guards .....	30.00
69 E	window guard hinge and lock.....	25.00
70 E	goose neck for sand boxes.....	32.00
71 E	trolley tension caps .....	20.00
72 E	trolley buffer for kick off spring.....	7.00
73 E	open car curtain hangers.....	18.00
74 E	McGuire elliptic spring pad.....	5.50
75 E	scraper hanger casting .....	18.00
76 E	draw bar stirrup .....	23.00
77 E	draw bar follower plate .....	7.50
78 E	draw bar tail piece .....	15.00
79 E	draw bar head .....	29.00
80 E	draw bar head .....	29.00
81 E	draw bar brace .....	4.50
82 E	brake staff washer .....	5.00
83 E	motor seat casting .....	15.00
84 E	St. Louis car seat handle.....	10.00
85 E	cash register bracket .....	19.00
86 E	register casting .....	33.00
87 E	drop sash castings .....	7.00
88 E	trolley tension base .....	3.00
89 E	register transfer bell .....	2.00
90 E	controller frame .....	32.00
91 E	hinged pole piece .....	11.00
92 E	star wheel for speed roller.....	5.00
93 E	star wheel for reverse.....	3.50
94 E	speed rolls .....	58.00
95 E	controller hinges .....	2.00
96 E	controller lid catch .....	1.50
97 E	controller swivel .....	4.50
99 E	2 in. brass sleeve.....	3.00
99 E	1¾ in. brass sleeve.....	3.00
100 E	controller washer cap and pointer.....	2.00
101 E	safety stop nut .....	2.00
102 E	reverse water cap .....	2.00
103 E	top base to small car stove.....	39.00

# 458 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Patterns—Continued.

Pattern Number		Present Value
104	E 3 in. elbow wood pattern.....	\$ 33.00
105	E fire door to small car stove.....	7.00
106	E stove shaker to small car.....	10.00
107	E stove cap core box to small car.....	16.00
108	E small car grate slide.....	6.00
109	E 3 in. stove damper.....	4.50
110	E 4 in. stove damper.....	7.00
111	E stove door catch handle.....	4.00
112	E stove damper handle .....	7.00
113	E ornament for stove collar .....	15.00
114	E open car corner post sockets.....	5.50
115	E car sign brackets .....	29.00
116	E car door guide .....	2.00
117	E door sheave .....	2.00
118	E corner post sockets .....	3.00
119	E patent catch trolley .....	30.00
120	E trolley quadrant .....	38.00
121	E trolley harp .....	22.00
122	E guard for trolley harp.....	9.00
123	E trolley quadrant cap .....	7.00
124	E trolley arm dog .....	5.00
125	E dog adjustment .....	3.00
126	E rod swivel .....	2.50
127	E pole clamp .....	4.00
128	E old style register banks .....	2.50
129	E adjusting nut, long .....	2.25
130	E adjusting nut, short .....	2.25
131	E flange socket .....	2.50
132	E 1½ in. roller .....	1.00
133	E corner brace .....	2.00
134	E pipe base .....	3.00
135	E controller top .....	15.00
136	E drop window catch .....	20.00
137	E drop window sash catch .....	22.00
138	E rheostat terminals .....	19.00
139	E controller nuts .....	22.00
140	E reverse contact plates .....	12.00
141	E thumb nuts .....	14.00
142	E gate hinge .....	11.00
143	E gate hinge .....	9.00
144	E G. E. 52 inside field terminal.....	6.00
145	E contact finger .....	22.00
146	E single switch contact and bending post .....	14.00
147	E single switch contact and L. bending post.....	12.00
148	E controller finger adjustment .....	14.00
149	E wire terminal for controller board.....	14.00
150	E controller finger screw adjustment.....	15.00
151	E reverse segments .....	14.00
152	E Ray controller block .....	4.50
153	E hinge for Ray controller.....	2.00
154	E Ray controller contact box.....	2.00
155	E square sleeve .....	1.75
156	E grab handle knob .....	3.00
157	E brake staff ratchet wheel .....	4.00
158	E brake dog .....	2.00
159	E stove cap .....	32.00
160	E bottom grate .....	12.00
161	E stove ash door and damper.....	11.00



Patterns—Continued.

Pattern Number		Present Value
162 E	stove shaker guard.....	\$ 4.00
163 E	ornamental stove ventilating top .....	28.00
164 E	fire pots .....	25.00
165 E	base for small stoves.....	49.00
166 E	sliding fender castings .....	42.00
167 E	swing fender .....	31.00
168 E	register back quadrants .....	16.00
1 H	mark S 15 G 52 axle collar.....	16.00
2 H	McGuire brake rod castings .....	18.00
3 H	McGuire brake sleeves .....	15.00
4 H	McGuire brake head .....	17.00
5 H	brake shoe head .....	23.00
6 H	brake shoe head .....	23.00
7 H	G. E. 800 oil box covers .....	20.00
8 H	G. E. 52 oil box covers .....	25.00
9 H	G. E. 52 oil box cover hinges .....	21.00
10 H	McGuire pedestal washers .....	18.00
11 H	Brill motor support spring washers.....	19.00
12 H	side bearing for Robey cars.....	8.00
13 H	side bearings for Grove cars.....	8.00
14 H	top bearing for Robey and Grove cars.....	7.00
15 H	cap for top bearing .....	4.00
16 H	brake lever fulcrum .....	11.00
17 H	end lock for 800 oil boxes.....	1.50
18 H	brake lever fulcrum .....	9.00
19 H	brake beam castings .....	16.00
20 H	McGuire brake shoe hanger.....	26.00
21 H	McGuire brake shoe .....	11.00
22 H	McGuire brake head bearing .....	5.00
23 H	McGuire brake shoe .....	10.00
24 H	trailer brake shoe .....	7.00
25 H	McGuire brake shoe .....	30.00
26 H	Brill brake hanger casting .....	4.00
27 H	McGuire journal box spring seat.....	7.00
28 H	McGuire brake head hanger .....	17.00
29 H	McGuire brake head hanger .....	9.00
30 H	McGuire brake hanger casting .....	15.00
31 H	McGuire brake head hanger .....	16.00
32 H	trussing castings .....	7.00
33 H	motor support casting .....	8.00
34 H	McGuire elliptic spring clip .....	2.50
35 H	McGuire end locks .....	1.50
36 H	McGuire brake rod sheave.....	6.00
37 H	McGuire brake rod sheave holder.....	3.00
38 H	McGuire journal box spring block.....	1.50
39 H	Lovejoy end lock .....	1.50
40 H	Curtis end lock .....	2.00
41 H	dump car end lock.....	1.50
42 H	dump car end lock.....	1.50
43 H	St. Louis car end lock.....	1.75
44 H	Brill car end lock.....	3.00
45 H	Peckham truck frame spring, seat bottom .....	2.00
46 H	Peckham truck frame spring, seat top .....	2.50
47 H	Peckham journal box cover .....	3.00
48 H	McGuire brake staff plate... ..	2.50
49 H	Ray motor frame hanger bearings and cap.....	17.00
50 H	Ray motor countershaft bearings and cap.....	28.00
51 H	Ray motor 30 countershaft bearings and cap.....	16.00



# 460 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Patterns—Continued.

Pattern Number		Present Value
52 H	journal box keeper.....	\$ 7.00
53 H	G. E. 800 axle collar .....	10.00
54 H	G. E. 800 motor support spring washers.....	4.50
55 H	G. E. 800 motor support spring washers.....	1.50
56 H	pedestal washers ... ..	1.00
57 H	pedestal washers .....	.50
58 H	pedestal washers .....	.50
59 H	pedestal spring washers .....	1.00
60 H	Ray motor 30 countershaft brasses .....	5.00
61 H	Ray motor adjustable axle collars.....	11.00
62 H	Ray motor adjustable axle collars.....	6.00
63 H	Ray motor adjustable axle collars.....	9.00
64 H	Ray motor adjustable axle collars.....	9.00
65 H	Ray motor axle collars .....	9.00
66 H	Ray motor axle collars .....	8.00
67 H	brake head nut and washer.....	3.00
68 H	axle dust collars.....	2.50
69 H	axle dust collars.....	2.00
70 H	No. 4 snow plow rail flange.....	7.00
71 H	No. 4 snow plow rail flange.....	7.00
72 H	truck columns .....	4.00
73 H	McGuire journal bearings .....	5.00
74 H	St. Louis journal bearings .....	4.50
75 H	St. Louis hand car bearings.....	3.00
76 H	sprinkler journal bearings .....	6.00
77 H	St. Louis journal bearings .....	1.50
78 H	St. Louis journal bearings .....	2.50
79 H	Peckham journal bearings .....	2.25
80 H	Peckham journal bearings .....	2.25
81 H	Peckham journal bearings .....	3.00
82 H	Columbus journal bearings .....	3.00
83 H	McGuire steel frame pedestal brushes.....	1.50
84 H	Peckham spring seat .....	2.25
85 H	Brill center plate .....	7.00
86 H	W. P. 50 gear case brace nut .....	2.50
87 H	W. P. 50 gear case brackets .....	2.25
88 H	sprinkler side bearings .....	5.00
89 H	sprinkler side bearings .....	2.00
90 H	motor support frame brackets .....	6.00
91 H	sprinkler truck column .....	6.00
92 H	truck bushing .....	1.50
93 H	G. E. 800 axle bearing.....	4.00
94 H	truck brass .....	.75
95 H	G. E. 52 gear case.....	38.00
96 H	McGuire brake head .....	26.00
97 H	McGuire brake head .....	26.00
98 H	McGuire spring cup washer.....	3.00
99 H	Brill brake hanger casting .....	7.00
100 H	Brill brake lever holder .....	17.00
101 H	G. E. 52 axle bearings .....	32.00
102 H	G. E. 70 axle bearings .....	38.00
103 H	G. E. 800 axle collar .....	2.50
104 H	McGuire goose neck .....	28.00
105 H	McGuire brake head hangers .....	12.00
106 H	G. E. 800 gear case .....	38.00
107 H	G. E. 70 end lock .....	6.00
108 H	Brill end lock .....	5.00
109 H	Brill journal brass .....	7.00

Patterns—Continued.

Pattern Number		Present Value
110 H	G. E. 70 blank end lock.....	\$ 1.00
111 H	snow plow castings .....	16.00
112 H	1 wheel skid .....	38.00
113 H	1 wheel skid roller .....	4.00
114 H	1 journal box keeper .....	4.00
1 M	Ray motor armature bearing.....	5.00
2 M	Ray motor armature bearing.....	7.00
3 M	Ray motor armature bearing.....	5.00
4 M	Ray motor armature bearing.....	7.00
5 M	W. P. 50 armature bearing.....	9.00
6 M	W. P. 50 armature bearing.....	7.00
7 M	W. P. 50 armature bearing shell.....	15.00
8 M	steel motor armature bearing.....	9.00
9 M	G. E. 800 armature bearing shell.....	14.00
10 M	G. E. 800 armature bearing shell.....	6.00
11 M	steel motor armature bearing.....	11.00
12 M	Ray motor armature bearing.....	11.00
13 M	W. P. 50 armature bearing shell.....	16.00
14 M	Ray motor countershaft bearings.....	18.00
15 M	G. E. 52 armature bearing.....	10.00
16 M	G. E. 52 armature bearing.....	9.00
17 M	G. E. 800 armature bearing.....	6.00
18 M	Ray motor axle collar.....	12.00
19 M	G. E. 52 axle bearing .....	16.00
20 M	G. E. 800 armature bearing, long end.....	4.00
21 M	G. E. 800 armature bearing .....	19.00
22 M	W. P. 50 axle bearings.....	8.00
23 M	W. P. 50 axle bearings.....	7.00
24 M	W. P. 50 axle bearings.....	14.00
25 M	G. E. 800 axle bearings.....	9.00
26 M	G. E. 800 axle bearings.....	6.00
27 M	G. E. 70 axle bearings.....	14.00
28 M	Ray motor axle bearings.....	4.00
29 M	Ray motor axle bearings.....	15.00
30 M	G. E. 800 axle bearings.....	10.00
31 M	Ray motor axle collars.....	5.00
32 M	G. E. 800 armature shaft collar.....	2.00
33 M	Ray motor 30 armature rings.....	2.00
34 M	Ray motor 30 armature rings.....	1.50
35 M	Ray motor 30 armature rings.....	2.00
36 M	Ray motor 30 armature rings.....	1.50
37 M	Ray controller speed roll contact.....	25.00
38 M	G. E. 52 butt ring .....	19.00
39 M	G. E. 800 truss plates .....	9.00
40 M	G. E. 50 truss plates, 1 gate .....	7.00
41 M	Ray motor brush holder.....	12.00
42 M	Ray motor brush holder.....	12.00
43 M	Ray motor brush holder.....	15.00
44 M	Ray motor brush holder.....	15.00
45 M	Ray brush holder stems.....	4.00
46 M	W. P. 50 brush holders.....	9.00
47 M	W. P. 50 brush holders.....	9.00
48 M	W. P. 50 brush holder.....	6.00
49 M	W. P. 50 brush holder.....	6.00
50 M	Ray motor tension clip .....	4.00
51 M	Ray motor brush holder hammers .....	10.00
52 M	Ray motor brush holder nuts .....	7.00
53 M	Ray motor brush holder nuts .....	4.00

# 462 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Patterns.—Continued.

Pattern Number		Present Value
54 M	G. E. 52 ground wire terminal.....	\$ 7.00
55 M	Ray motor bush terminals.....	3.00
56 M	Ray motor brush holder washers.....	3.00
57 M	G. E. 800 ground wire terminals .....	4.00
58 M	G. E. 800 armature nuts .....	2.50
59 M	W. P. 50 armature bearings .....	8.00
60 M	W. P. 50 gear case brass .....	12.00
61 M	Ray motor controller handles .....	9.00
62 M	engineer's air valve key.....	9.00
63 M	G. E. 800 controller handles.....	10.00
64 M	controller reverse key .....	6.00
65 M	G. E. 800 field terminal.....	6.00
66 M	Ray motor controller reverse lock.....	2.00
67 M	G. E. 52 oil box bracket wire guard.....	5.00
68 M	rheostat grid .....	16.00
69 M	rheostat grid .....	16.00
70 M	Ray motor axle collar.....	4.00
71 M	Commutator segment power house exciter.....	3.00
72 M	Ray motor controller shaft pinion.....	28.00
73 M	Ray motor oil box cover.....	3.00
74 M	Ray controller contact .....	16.00
75 M	G. E. 52 gravity feed oil cup.....	19.00
76 M	controller lock .....	4.00
77 M	controller bracket and cap.....	4.50
78 M	Ray motor frame bridging .....	19.00
79 M	rheostat frame .....	12.00
80 M	G. E. motor shell .....	180.00
81 M	air motor bearing .....	7.00
82 M	armature shield .....	13.00
83 M	G. E. 70 brush holders.....	12.00
84 M	G. E. 800 armature bearing shells.....	23.00
85 M	G. E. 800 armature bearing shells.....	23.00
86 M	motor bearing oil box.....	14.00
87 M	G. E. 52 armature bearing shells.....	20.00
88 M	G. E. 52 armature bearing shells.....	21.00
1 P	power house brasses .....	11.00
2 P	power house brasses .....	7.00
3 P	power house bushings .....	6.00
4 P	power house pump valve seats.....	19.00
5 P	power house bushings .....	9.00
6 P	power house bushings .....	12.00
7 P	power house ram .....	15.00
8 P	power house commutation core .....	5.00
9 P	power house cross head .....	8.00
10 P	power house manhole plate .....	7.00
11 P	power house ash conveyor sheave .....	18.00
12 P	power house ash conveyor sheave .....	11.00
13 P	power house pillar block .....	14.00
14 P	power house stuffing box .....	7.00
15 P	power house pipe flange clamp .....	8.00
16 P	power house pipe flange clamp .....	5.00
17 P	power house pipe flange clamp .....	5.00
18 P	power house pipe flange .....	4.00
19 P	power house pump valve seat .....	9.00
20 P	power house Murphy furnace lever .....	6.00
21 P	power house Murphy furnace lever .....	6.00
22 P	power house Murphy furnace con. rod.....	3.00
23 P	power house Murphy furnace lever .....	4.00

Patterns.—Continued.

Pattern Number		Present Value
24 P	power house switchboard brace.....	\$ 3.00
25 P	power house switchboard brace .....	4.00
26 P	power house foot valve ream .....	26.00
27 P	power house foot valve ring .....	5.00
28 P	power house furnace door shield .....	13.00
29 P	power house Westinghouse engine oil pump.....	25.00
30 P	power house stuffing box ring .....	7.00
31 P	power house stuffing box ring .....	7.00
32 P	power house stuffing box ring .....	2.00
33 P	power house pump bearing cup .....	7.00
34 P	power house pump bearing cap .....	6.00
35 P	power house pump bearing cap .....	4.00
36 P	power house pump bearing cap .....	4.00
37 P	power house ventilating slide .....	4.00
38 P	power house oil pan .....	3.00
39 P	power house oil pan .....	4.00
40 P	power house octagon flange nut .....	5.00
41 P	power house wall bracket .....	5.00
42 P	power house column base .....	6.00
43 P	power house manhole plate .....	7.00
44 P	old time ammeter and voltmeter frame.....	30.00
45 P	power house connecting rod end and cap.....	4.00
46 P	power house hinge piece .....	8.00
47 P	power house 2½ in. valve stem.....	2.00
48 P	power house 9½ in. x 2 in. thick flange.....	3.00
49 P	power house cap for power house.....	9.00
50 P	power house checkered floor plate .....	28.00
51 P	power house checkered floor plates .....	30.00
52 P	power house hinge valves for condenser.....	16.00
53 P	power house oval gasket mold.....	5.00
54 P	power house shaker bars for boiler grates .....	25.00
55 P	power house boiler grate pattern .....	5.00
56 P	power house door shield for boiler doors.....	6.00
57 P	1 manhole clamp for boilers.....	4.50
58 P	power house slide .....	3.00
59 P	2 brasses for light engine.....	6.00
1 S	wrecking slipper .....	12.00
2 S	line shaft coupling .....	11.00
3 S	lathe chuck .....	9.00
4 S	lathe turret base .....	11.00
5 S	babbitting gig base .....	4.00
6 S	bushing .....	3.50
7 S	field winding machine armature.....	10.00
8 S	wrecking skid .....	17.00
9 S	new barn door fasteners .....	11.00
10 S	babbitting gig .....	5.00
11 S	old style rail saw base.....	7.00
12 S	bracket .....	2.00
13 S	old style broom bearing.....	9.00
14 S	armature shield .....	10.00
15 S	pulley .....	6.00
16 S	cone pulley .....	7.00
17 S	static machine sheave .....	11.00
18 S	copper hammer .....	1.00
19 S	moulding flasks .....	19.00
20 S	3½ in. round stick brass.....	2.00
21 S	2½ in. round stick brass.....	1.00
22 S	2 in. round stick brass.....	1.00

# 464 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Patterns.—Continued.

Pattern Number		Present Value
23 S	3 in. hexagon stick brass.....	\$ 3.00
24 S	2 in. hexagon stick brass.....	2.00
25 S	1½ in. hexagon stick brass.....	1.50
26 S	1¼ in. hexagon stick brass.....	1.50
27 S	trolley retriever .....	5.00
28 S	snow plow spring seat .....	4.00
29 S	snow plow spring seat .....	2.00
30 S	snow plow spring seat .....	1.50
31 S	dust collars .....	1.50
32 S	dust collars .....	1.50
33 S	spring seat .....	1.00
34 S	sleeve nut for screw jack.....	4.50
35 S	stone jack patterns .....	80.00
36 S	snow plow bearing bracket.....	3.50
37 S	gear plank for 63rd st.....	18.00
38 S	snow plow weight .....	8.00
39 S	hose coupling .....	6.00
40 S	pedestal and cap for 63rd st.....	7.00
41 S	flask pins .....	3.00
42 S	stick brass patterns .....	7.00
43 S	flask pin and eye.....	1.50
44 S	office counting machine patterns .....	23.00
45 S	babbling gig for motor shell bearing machine.....	11.00
46 S	molding flask weight .....	3.00
47 S	door plates 63rd st.....	6.00
48 S	door guides .....	7.00
49 S	G. E. 800 field form.....	28.00
50 S	G. E. 52 field form.....	25.00
51 S	G. E. 54 field form.....	22.00
52 S	G. E. 52 field form.....	18.00
53 S	63rd st. gate rack.....	13.00
54 S	runners for gateing patterns .....	5.00
55 S	swivel bearing and cap.....	4.00
56 S	hinge patterns .....	5.00
57 S	roller patterns .....	3.00
58 S	oil box cap .....	2.50
59 S	door track wheel .....	4.00
60 S	shaft collar .....	1.00
61 S	double pipe clamp.....	1.50
62 S	hexagon flange nut .....	2.50
63 S	tooth rack patterns .....	9.00
64 S	ingot for copper .....	1.00
65 S	blank bushing .....	1.00
66 S	follow board with 2 crown nuts.....	7.00
67 S	3 in. bushing .....	2.50
68 S	7 in. x 1 in. thick blank flange.....	1.50
69 S	bracket .....	2.50
70 S	pattern for pig copper .....	1.00
71 S	G. E. 800 commutator clamp.....	10.00
72 S	G. E. 52 commutator clamp.....	10.00
73 S	internal pinion .....	18.00
74 S	G. E. 70 armature bearing babbling gig.....	11.00
75 S	G. E. 70 armature bearing babbling gig.....	12.00
76 S	1 wheel press housing.....	36.00
77 S	1 wheel press ring.....	16.00
	81 miscellaneous core boxes.....	85.00
1 T	cupola ring .....	7.00
2 T	cupola sight frame .....	14.00

Patterns.—Continued.

Pattern Number		Present Value
3 T	cupola door and frame.....	\$ 16.00
4 T	cupola furnace bottom doors.....	11.00
5 T	cupola arch bars .....	3.00
6 T	cupola large spout .....	15.00
7 T	cupola small spout .....	10.00
8 T	track welding clamp .....	7.00
9 T	track clamp bars for cast welding.....	11.00
10 T	spacing blocks for track .....	9.00
11 T	track filler .....	14.00
12 T	track filler .....	14.00
13 T	track filler .....	9.00
14 T	track filler .....	9.00
15 T	track filler .....	10.00
16 T	track filler .....	10.00
17 T	chills for fillers.....	7.00
18 T	chills for fillers.....	4.00
19 T	chills for fillers.....	5.00
20 T	chills for fillers.....	5.00
21 T	chill piece for groove of rail.....	7.00
22 T	replacement for end of switch.....	4.50
23 T	replacement for center of switch.....	3.50
24 T	barn switch .....	95.00
25 T	tongue for barn switch.....	6.00
26 T	mate for barn switch.....	38.00
27 T	chill piece for groove of rail.....	7.00
28 T	curve rail .....	38.00
29 T	continuation of straight rail.....	7.00
30 T	tongue for right hand switch.....	8.00
31 T	straight rail .....	38.00
32 T	continuation of curved rail .....	37.00
33 T	curved rail .....	60.00
34 T	straight rail .....	18.00
35 T	curved rail in left hand switch.....	38.00
36 T	straight rail .....	7.00
37 T	tongue .....	8.00
38 T	continuation of curved rail .....	38.00
39 T	continuation of left hand curved rail.....	37.00
40 T	curved rail with filler.....	60.00
41 T	straight rail .....	18.00
42 T	track welding mold.....	20.00
43 T	track welding mold.....	20.00
44 T	track welding mold.....	20.00
45 T	track welding mold.....	20.00
46 T	track welding mold.....	20.00
47 T	track welding mold.....	20.00
48 T	track welding mold.....	20.00
49 T	track welding mold.....	20.00
50 T	pig iron breaking block.....	8.00
51 T	drop hammer .....	16.00
Total.....		\$7,657.75

# 466 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## TOOLS AND SUPPLIES IN BARN AND SHOPS.

		Present Value
4	G. E. motor bolts, $\frac{7}{8}$ in. x 7 in.....	\$ .80
3	G. E. motor bolts, $\frac{7}{8}$ in. x $5\frac{1}{2}$ in.....	.45
3	G. E. motor bolts, $1\frac{1}{8}$ in. x 6 in.....	.33
6	axle cap bolts, 1 in. x 4 in.....	.90
5	axle cap bolts, 1 in. x 4 in.....	.75
4	axle cap bolts, $\frac{3}{4}$ in. x $2\frac{1}{2}$ in.....	.10
3	axle cap bolts, $\frac{3}{4}$ in. x 3 in.....	.08
2	axle cap bolts, 1 in. x 12 in.....	.20
2	axle cap bolts, $\frac{3}{4}$ in. x 10 in.....	.07
3	axle cap bolts, $\frac{5}{8}$ in. x $6\frac{1}{2}$ in.....	.09
2	axle cap bolts, $\frac{3}{4}$ in. x 6 in.....	.07
8	square nuts, $\frac{3}{4}$ in.....	.38
3	lb. hexagon nuts, $\frac{7}{8}$ in.....	.18
1	turnbuckle .....	1.20
3	ft. brake chain .....	.23
2	anchor chains .....	4.00
6	cup washers, 800 .....	.45
1	brake release spring .....	.35
3	springs for motor support, 800.....	.55
2	U bolt castings .....	.80
3	bolts, $\frac{3}{4}$ in. x $4\frac{1}{2}$ in.....	.07
3	set screws, $\frac{1}{4}$ in. x $1\frac{1}{2}$ in.....	.02
2	set screws, $\frac{1}{4}$ in. x 2 in.....	.01
3	lb. hexagon nuts, $\frac{7}{8}$ in.....	.18
4	lb. hexagon nuts, $1\frac{1}{8}$ in.....	.25
2	lb. hexagon nuts, 1 in.....	.13
1	lb. hexagon nuts, $\frac{5}{8}$ in.....	.07
1	socket wrench, $\frac{7}{8}$ in.....	1.95
1	socket wrench, $\frac{7}{8}$ in. x $\frac{3}{4}$ in.....	.32
1	socket wrench, $\frac{7}{8}$ in. x $\frac{5}{8}$ in.....	.30
1	straight wrench, $\frac{7}{8}$ in.....	.55
1	bar for socket wrench, $\frac{3}{4}$ in. x 24 in. tool steel.....	.78
4	tin water pails .....	1.00
5	window brushes .....	1.50
4	coal pails .....	1.00
4	brooms .....	.92
1	$\frac{5}{8}$ in. wrench, 800 brush holders.....	.40
1	white lantern .....	.04
17	K. 28 controller fingers .....	1.35
13	K. 2 controller fingers .....	1.03
7	2 way connectors .....	.38
1	pair testing tips, 43 ft. long.....	2.83
1	tin dope can .....	.60
1	tin oil can, 5 gal.....	.50
2	tin oil cans, 1 gal.....	.30
4	tin oil cans, 1 qt. ....	.40
1	copper oil can, 1 qt. ....	.25
2	square oil cans, 1 gal. ....	.30
2	wall sockets .....	.36
1	drop socket .....	.19
1	ticket punch .....	1.19
1	32 cal. 5 shot revolver .....	4.50
4	trolley snaps .....	.08
5	register springs .....	.50
40	ft. register cord .....	.72
5	$\frac{5}{8}$ in. leather strap .....	.19
1	grab handle for Grove car.....	1.80
3	sand box springs .....	.45

Tools and Supplies in Barn and Shops—Continued.

		Present Value
21	¼ in. x ¾ in. round head stove bolts.....	\$ .04
18	¼ in. x 1 in. round head stove bolts.....	.33
1	desk .....	3.00
1	box for time slips .....	.75
3	racks for advertising cards.....	1.50
1	dinner table, 10 ft. ....	3.50
2	benches, 10 ft. ....	4.00
1	keyboard .....	.50
3	time table frames, 8 in. x 10 in.....	.75
1	shop number board .....	2.50
4	12 in. x 18. in. advertising frames.....	.80
9	12 in. x 30 in. advertising frames.....	3.15
1	office chair .....	1.00
25	large thermometers .....	43.75
31	small thermometers .....	31.00
37	⅝ in. x 1½ in. round head stove bolts.....	.04
100	⅝ in. x 2 in. round head stove bolts.....	.13
1	gross 1¼ in. x 14 in. F. H. B. screws.....	.21
1	gross 1¾ in. x 8 in. F. H. B. screws.....	.15
300	⅝ in. x 6 in. round head brass screws.....	.60
11	¼ in. x 1½ in. brass machine screws.....	.06
2	¾ in. x 1¾ in. brass machine screws.....	.02
3	½ in. x 3 in. bolts .....	.04
4	¾ in. x 2½ in. bolts .....	.03
4	½ in. x 5 in. lag bolts .....	.06
1	4 in. elbow for stove pipe .....	.07
2	Brill window catches .....	1.56
1	lot mixed screws, wire brads and copper rivets.....	2.00
1	lot cotter keys, stove bolts and screws.....	1.75
1	lot nails 3d to 10d .....	.50
1	⅝ in. x 8 in. water glass .....	.05
2	½ in. x 6 in. bolts .....	.04
4	stove grate slides .....	.15
2	stove pokers .....	.20
1	stove grate small .....	.07
1	lantern, white globe .....	.42
1	roll top desk .....	15.00
1	shot gun .....	5.00
1	large desk .....	2.50
1	work bench .....	1.50
1	large cupboard, 3 drawers .....	7.50
12	hooks for coats .....	.25
2	racks for bill files .....	.75
1	padlock .....	.24
2	ticket punches .....	2.00
4	picture frames .....	1.60
1	sponge .....	.08
1	wash pail .....	.15
1	towel and rack .....	.75
1	feather duster .....	.25
1	broom .....	.23
3	extra book racks .....	1.00
1	drawing board .....	.60
5	bill files .....	.50
2	thermometers .....	.50
2	chairs .....	2.00
1	time box .....	.25
1	box for notes .....	.50



# 468 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Barn and Shops.—Continued.

	Present Value.
1 bulletin board.....	\$ 1.00
1 revolver .....	3.50
1 qt. bottle ink .....	.35
1 waste basket .....	.25
2 air door checks—Corbin .....	8.00
1 box Hercules belt wire .....	.50
1 box stamping letters .....	2.40
1 box stamping figures .....	2.40
1 lb. sealing wax .....	.35
4 sheets emery cloth .....	.10
4 sheets sandpaper .....	.03
12 candles .....	.19
1½ lb. piece 12 in. x 12 in. rubber packing.....	1.12
1 box leather cord couplings .....	1.50
1 box 6 oz. tacks .....	.02
1 piece chamois leather .....	.17
2 rubber stamps .....	.40
800 inspectors' reports .....	3.50
200 register reports .....	1.00
1 bundle felt, 10 in. x 8 ft. ....	.50
1 box padlocks .....	2.50
1 bunch keys .....	.50
1 band saw, 10 ft. ....	1.55
1 lumber rule .....	1.13
1 wheel tape .....	5.00
1 1¼ in. rope, 12 ft. long.....	1.10
2 grab hooks .....	.90
2 dope compression cups .....	2.50
2 G. E. 70 brush holders .....	6.50
500 wrecking reports .....	1.50
1 brass rod ½ in. x 10 ft. long .....	2.00
1 can belt dressing .....	.75
4 sand hose brackets .....	3.00
45 trailer coil spring .....	21.60
12 trailer center lever hangers.....	20.40
24 trailer brake beams .....	168.00
24 trailer pedestals .....	108.00
1 piece ⅞ in. x 2 ft. 10 in. soft steel.....	1.80
4 lb. ⅝ in. x 1 in. rivets.....	.20
3 car stove doors .....	.33
10 lb. ½ in. x 1½ in. rivets .....	.55
3 car draw bars complete.....	12.60
10 misc. bolts .....	.30
10 draw bar follower plates .....	4.00
15 draw bar tail pieces .....	9.00
3 draw bar springs .....	.75
2 draw bar heads .....	.13
4 heavy spring bands .....	1.12
5 No. 800 axles with wheels on 4 in.....	150.00
2 No. 70 axles with wheels on 4½ in.....	66.00
5 trailer wheel replacements .....	25.00
2 trailer axles, 3¾ in. ....	24.26
1 Columbia axle, 4 in.....	15.50
6 G. E. 70 axles for wheels.....	99.00
5 G. E. 800 axles for wheels.....	77.50
2 G. E. 52 axles for wheels.....	31.00
1 axle for cupola, 4½ in.....	16.50
4 new 5 in. axles for No. 1 sprinkler.....	70.40

Tools and Supplies in Barn and Shops.—Continued.

		Present Value.
30	pair aluminum bearings G. E. 70.....	\$ 450.00
1	52 motor journal caps .....	2.25
11	trailer pedestals .....	154.00
23	G. E. 52 and 800 motor gears and replacements.....	207.00
2	brooms .....	.46
36	journal bearings, brass, babbitted for McGuire trucks.....	126.00
11	tools, silver steel .....	17.60
3	tools, blue chip .....	6.00
1	motor boring head and cutters.....	7.50
20	boring tools .....	20.00
2	boring mill chucks .....	30.00
2	9 in. tinnerns' snips .....	23.20
21	motor gears (replacements) .....	189.00
14	G. E. 800 pinions, replacements.....	25.90
30	G. E. 70 pinions, replacements.....	96.00
2	steel motor end bearings .....	7.50
30	No. 800 arm bearing shells.....	90.00
1	fibre pinion, 3 in. x 10 in.....	8.40
62	incandescent lamps .....	9.92
30	incandescent lamps (paint shop).....	4.80
12	air motor carbons .....	.36
200	lb. magnet wire. D. CC. ....	40.00
9	open car lamp sockets .....	1.62
1	switch box .....	5.00
3	incandescent lamps (B. S. shop) .....	.48
4	headlight reflectors .....	12.00
60	McGuire sweepers, full section brooms, no cane.....	180.00
12	McGuire sweepers, full section brooms, with cane.....	69.60
12	brackets for grab straps (poles).....	3.60
2	car gong frames .....	.36
1	barn coal box.....	5.00
1	sand box .....	4.40
6	water barrels .....	9.00
4	empty barrels .....	4.80
1	5 ft. ladder iron.....	1.25
1	12 ft. ladder iron.....	3.00
2	trolley bases .....	3.00
2	draw bars car .....	14.60
15	heavy horses for jacking cars .....	60.00
4	armature hoisting stands .....	18.40
2	window sash, 16 in. x 30 in., 4 light.....	2.44
6	brooms .....	1.38
1	motorman stool .....	1.00
1	stove pipe jack .....	1.25
3	waste cans, 8 gal.....	7.50
1	waste can, 25 gal.....	17.00
2	wash pails .....	.80
1	fire extinguisher, Miller.....	7.50
1	car step .....	3.00
8	signal bells .....	7.20
1	stove complete, Calumet.....	7.00
3	dash pot sockets .....	1.50
4	wagon axle boxes .....	14.00
2	2 in. turnbuckles .....	1.50
8	stove dampers .....	.35
1	sprinkler manhole plate .....	4.00
4	stove tops, Calumet.....	3.60
2	1½ in. king bolts .....	1.00

# 470 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Barn and Shops.—Continued.

		Present Value.
2	$\frac{7}{8}$ in. turnbuckles .....	\$ 1.60
10	$\frac{7}{8}$ in. brake stubs .....	2.50
10	$\frac{3}{4}$ in. x $2\frac{1}{2}$ in. mach. bolts .....	.26
1	bearing wash tub .....	.25
2	small waste cans .....	.50
1	galv. iron oil vat for sweeper canes.....	4.00
1	bbl. misc. bolts, 500 lb. ....	5.00
12	$\frac{3}{4}$ in. x 18 machine bolts .....	.95
40	lb. No. 10 sheet steel .....	.80
2	mortise locks (doors) .....	2.50
1	tool cupboard .....	2.50
1	shop clock .....	7.50
1	fire water barrel .....	1.50
1	fire water bucket .....	.25
2	5 gal. oil cans .....	4.50
1	$\frac{1}{2}$ gal. oil cans .....	.25
1	adv. sign cupboard .....	2.00
100	lb. pinion grease, bbl. ....	3.50
100	woolen waste and oil mixed, bbl. ....	17.00
3	grease buckets .....	.75
1	waste barrel .....	1.20
10	oil barrels .....	12.00
7	fire water barrels .....	10.50
3	sand boxes .....	13.20
5	pails .....	1.88
6	brooms .....	1.38
3	shovels .....	1.50
1	iron car bumper .....	2.30
1	10 ft. ladder iron .....	2.50
2	large black boards front of barn .....	16.00
1	No. 2 fire extinguisher, Miller.....	7.50
1	garden rake .....	.35
1	trolley harp .....	.08
1	mop stick .....	.17
2	draw bars .....	13.60
3	large horse jacking cars .....	15.00
50	block jacking cars .....	3.00
1	blackboard blacksmith shop .....	.25
1	machine gear shield, blacksmith shop .....	.25
2	controller flange rings .....	1.00
8	controller fibre washers .....	.80
20	lb. $\frac{5}{8}$ in. x 4 in. rivets .....	.80
1 $\frac{1}{2}$	lb. solder .....	.34
1	bottle soldering salts .....	.17
2	oil faucets .....	.70
20	Brill sash catches .....	15.60
2	lb. potash .....	.10
2	brake staff bearings .....	.20
4	lb. scrap brass .....	.44
1	brass W. P. 50 gear gear case bracket.....	1.20
3	sand box rods .....	1.50
5	door hinges .....	1.25
6	car coupling pins .....	.30
47.8	lb. blue chip tool steel.....	133.95
9	$\frac{3}{4}$ in. elliptic springs .....	22.50
3	semi-elliptic springs .....	12.30
100	lb. $\frac{5}{8}$ in. x $2\frac{1}{2}$ in. rivets .....	5.50
32	ft. $\frac{1}{8}$ in. x 4 in. jessup steel .....	3.95

Tools and Supplies in Barn and Shops.—Continued.

		Present Value.
8	ft 1/2 in. x 3 1/2 in. x 3 1/2 in. angle iron .....	\$ 1.28
5	lb. 5/8 in. x 3 in. soft steel .....	1.55
1	pt. 1 in. x 2 3/4 in. x 2 ft. 6 in. iron.....	.22
1	steel broom .....	.50
6	goose neck replacements .....	2.43
1,000	lb. scrap iron .....	9.50
1,200	lb. miscellaneous iron .....	15.00
334	brake shoe keys, labor included.....	23.38
30	pig lead .....	1.80
12	fender springs .....	4.80
4	fender castings, 4 lb. each.....	.96
10	3/8 in. fender stirrups .....	.50
2	fender castings .....	.48
4	fender hangers .....	1.20
2	car scraper handles .....	1.00
7	car scraper clips .....	.70
110	switch hooks .....	55.00
	Steel castings for 5 ton jacks, complete.....	54.00
1	vise screw .....	1.50
3	16 in. flat bastard files .....	.76
3	rivet sets .....	.75
4	hand punches .....	.80
2	center punches .....	.30
3	flat wrenches, 5/8 in. x 3/4 in. ....	1.20
2	cold chisels .....	.70
2	cape chisels .....	.70
8	machine drills, different sizes.....	4.36
1	screw driver .....	.25
2	bevel squares .....	1.00
78	1/2 in. lock washers.....	.31
9	truck templets .....	2.70
1	band saw vise.....	1.50
9	pair vise dies.....	14.40
1	bushing bolster .....	1.00
1	wheel barrow .....	3.60
2	shovels .....	1.00
150	ft. hose 3/4 in.....	16.87
1	patent car cleaning brush.....	1.75
1	lever jack .....	7.00
2	small wood horses.....	3.00
3	stone jacks .....	45.00
4	25 in. hammer handles.....	.23
9	3/4 in. x 4 in. lag screws .....	.11
3	3/4 in. x 6 in. lag screws .....	.04
12	5/8 in. x 6 in. machine bolts .....	.31
19	car floor king bolt plates.....	6.65
3	car step hangers.....	3.30
19	sand box rod sockets.....	1.90
5	sand box hose sockets, brass.....	1.40
12	light brackets .....	3.84
6	vestibule door roller castings.....	6.72
3	car window guard castings.....	.30
20	illuminating signs, brass brackets.....	3.60
6	car door rollers.....	.54
3	car door castings, brass.....	1.05
2	open car seat, grab handles.....	2.10
2	grab handles, brass brackets.....	2.10
2	window guards, 2 ft. 9 1/2 in. x 3/4 in. ....	5.00

# 472 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Barn and Shops.—Continued.

		Present Value
4	gas pipe, 1¼ in. x 5 ft. 6 in. long.....	\$ 1.39
16	trestles oak, 6 in. x 8½ in. x 9 ft. long.....	48.00
1	shovel .....	.50
1	broom .....	.23
1	water barrel .....	1.50
1	illuminating sign, 15 lamps.....	5.00
3	window sash, 41 in. x 44 in.—18 in. x 13 in., glass....	5.46
2	window sash, 40¾ in. x 42 in.—18 in. x 12½ in., glass....	3.64
2	window sash, 45 in. x 36¼ in.—19½ in. x 15½ in., glass....	3.64
1	babbitting furnace .....	15.00
1	water rheostat testing machine.....	10.00
96	ft. 3 in. pine plank.....	3.84
400	ft. fire hose 2½ in.....	96.00
3	racks for hose.....	15.00
28	fire barrels .....	42.00
28	fire buckets .....	7.00
1	4 shelf tool racks.....	5.00
1	axle dolly .....	3.50
4	large cupboards .....	30.00
2	¼ in. to 1½ in. pipe stocks.....	4.50
1	¾ in. die, R. H.....	.90
1	¾ in. die, L. H.....	.90
1	½ in. die, R. H.....	.90
1	½ in. die, L. H.....	.90
1	1 in. die, R. H.....	.90
1	¼ in. die, R. H.....	.90
1	⅜ in. die, R. H.....	.90
1	¾ in. pipe tap.....	.50
1	¾ in. pipe tap, L. H.....	.50
1	1 in. pipe cutter .....	1.02
1	½ in. pipe stock bushing.....	.10
1	¼ in. pipe stock bushing.....	.10
1	¾ in. pipe stock bushing.....	.10
1	1 in. pipe stock bushing.....	.10
1	pipe die cupboard.....	.75
1	saw dust box, 3 ft. x 3 ft. x 4 ft.....	.50
1	pigeon hole bolt cupboard.....	3.00
2	armature wagons .....	40.00
1	axle wagon iron.....	15.00
1	½ in. socket wrench.....	.40
1	10 ft. ladder.....	2.50
1	core box, pine.....	1.50
1	piece spring steel 7 ft. 16 in. x 18 in. x 7 ft. 6 in.....	.90
1	tool steel 1¼ in. x 4 in. x 5 ft. 4 in.....	.71
100	lb. tool steel, blue chip.....	71.00
7	hoe blades, power house.....	3.50
1	hoe shop .....	.50
4	bar truck wheels and axles.....	72.00
2	air hoist valves.....	1.50
7	1 ton chain blocks.....	190.95
1	1½ in. ratchet drill bit.....	2.10
1	¼ in. ratchet drill bit.....	.21
2	⅝ in. ratchet drill bit.....	.50
1	⅝ in. ratchet drill bit.....	.49
1	¾ in. ratchet drill bit.....	.65
1	⅞ in. ratchet drill bit.....	.56
1	⅞ in. ratchet drill bit.....	.75
1	⅞ in. ratchet drill bit.....	.32

Tools and Supplies in Barn and Shops.—Continued.

		Present Value
1	3/8 in. ratchet drill bit.....	\$ .28
1	7/8 in. machine drill bit.....	.85
3	1 1/8 in. machine drill bit.....	2.25
2	1/8 in. machine drill bit.....	.84
1	1/8 in. machine drill bit.....	.96
1	1/4 in. machine drill bit.....	.21
2	carboys for muriatic acid, 5 gal.....	2.00
1	advertising sign, electric light.....	2.50
4	full elliptic springs, 1/8 in. x 4 in. ....	16.80
2	7 leaf semi-elliptic springs, 1/8 in. x 4 in. x 62 in.....	4.10
4	9 leaf semi-elliptic springs, 1/8 in. x 4 in. x 52 in.....	4.20
2	life guards .....	8.00
1	truck equalizing beam, 1 1/4 in. x 4 in. x 8 ft. long.....	7.00
2	advertising lighting signs wired for 30 lights, each.....	5.00
2	turnstiles, wood and iron, 63rd street.....	10.00
1	gate 7 pockets, 2 ft. 1 in. x 4 ft., wood.....	2.00
1	door, 3 ft. x 7 ft., 3 bottom panels, top for 27 3/4 in. x 38 in. glass (oak) .....	10.00
10	lb. 7/8 in. x 3 in. rivets.....	.55
5	lb. 3 in. x 5/8 in. rivets.....	.25
10	lb. 1 1/2 in. x 5/8 in. rivets.....	.40
5	lb. 2 in. x 5/8 in. rivets.....	.23
10	lb. 1 1/2 in. x 5/8 in. rivets.....	.40
10	lb. 3/4 in. x 3 1/2 in. rivets.....	.38
20	lb. 1/2 in. x 4 1/2 in. machine bolts.....	.35
10	lb. 3/4 in. x 8 in. machine bolts.....	.43
5	lb. 1/2 in. x 3 in. machine bolts.....	.18
1	lb. 1/8 in. x 1 in. rivets.....	.06
5	lb. 1/4 in. x 1 in. rivets.....	.26
5	lb. 1 1/4 in. x 1 1/2 in. rivets.....	.25
2	lb. 1/4 in. x 3/4 in. rivets.....	.11
3	lb. brake staff braces.....	4.20
1	piece 1/8 in. x 3 ft. x 3 ft. iron.....	.32
1	piece 1/8 in. x 3 ft. x 3 ft. iron.....	.27
1	1 1/2 globe valve .....	1.40
2	gate valves.....	18.00
2	shelf brackets .....	.40
1	2 in. nut.....	.05
1	1/2 gal. oil can.....	.12
1	5 gal. oil can .....	.50
1	1 pt. oil can.....	.10
2	brass brake staff handles.....	3.50
2	3/4 in. screw hinges.....	.50
6	lb. spring brass.....	2.16
1	sheet, 1/8 in. x 18 in. x 7 ft. 6 in. spring steel.....	6.50
8	brass padlocks (shop men's room).....	2.40
10	japanned padlocks .....	2.00
1	leather covered hair upholstered seat.....	5.00
1	No. 2 track shovel.....	.45
1	feather duster .....	.75
4	American flags.....	.20
2	brass controller handles.....	5.00
1	iron controller handle.....	1.00
250	advertising sign springs.....	3.75
1	12 in. x 20 in. file clip board.....	1.25
1	8 in. x 8 in. x 16 in. report box.....	.90
1	10 in. x 12 in. picture frame and glass oak.....	.60
1	ash pan .....	.22

# 474 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Barn and Shops.—Continued.

	Present Value
7 key tags.....	\$ 1.40
1 30 in. x 60 in. fire instruction board.....	4.50
1 French bevel glass mirror, 12 in. x 24 in. cherry frame.....	6.00
3 9 in. x 16 in. oak picture frames and glass.....	.60
1 12 in. x 24 in. French bevel plate glass mirror.....	4.00
1 soap can .....	.10
6 lb. soft soap.....	.18
1 sponge .....	.15
1 1¼ in. globe brass valve.....	1.50
1 motor carbon box galvanized iron.....	.50
1 electric brass headlight.....	4.00
2 window guard racks.....	3.50
3 No. 2 track shovels.....	1.35
1 3 in. x 34 ft. x 7 ft saw dust frame.....	1.50
1 coffee sack .....	.18
2 galvanized sand boxes.....	5.00
1 pick and handle.....	.57
1 scraper handle .....	.65
1 pair stove carrying bars.....	.50
1 sand box trip.....	1.10
8 vestibule iron window guards.....	.40
4 20 in. x 24 in. wooden signs with hanger hooks.....	6.00
1 14 in. shop gong and clapper.....	3.50
1 8 in. alarm gong and clapper.....	2.50
1 drilling jig .....	1.50
1 traveling crane, 13 ft., and traveling boring mill.....	15.00
2 armature planks .....	3.00
4 beam brackets on posts.....	3.00
2 wheel sticks .....	3.00
1 2 in. gas pipe, 6 ft. tripod for chain blocks.....	1.80
2 die racks in machine shop.....	2.00
1 sign rack .....	2.50
1 large stove poker.....	.15
1 car mover .....	2.25
1 rattan broom .....	.40
1 8 ft. ladder.....	.50
3 machine hanger frame, 6 in. x 8 in. material.....	24.00
1 feather duster .....	.75
1 iron oil barrel faucet.....	.90
1 8 in. funnel.....	.15
1 Stillson .....	1.50
1 barrel paste .....	5.00
1 wheel gauge steel tape.....	3.50
1 oak 14 in. x 18 in. picture frame and glass.....	.75
1 Brill car window curtain and fixtures.....	2.50
1 stove shaker .....	.10
3 pony glass insulators.....	.12
1 sweeper broom rack.....	6.50
1 barrel cover .....	.50
1 24 in. x 36 in. tag board with 200 key hooks.....	2.50
1 carpenter's bench gauge.....	.65
2 6 pocket screw box.....	1.20
3 4 pocket screw box.....	.60
1 wooden cover for Ray motor.....	2.50
1 wooden foundation Ray motor.....	4.50
4 wooden mallets .....	.60
1 G. E. lightning arrester for car.....	3.60
1 water tub .....	.65

Tools and Supplies in Barn and Shops.—Continued.

	Present Value
2 report boxes for shop men.....	\$ 3.75
3 scoop shovels .....	1.56
1 feather duster .....	.25
6 ft. 3 in. gas pipe.....	1.80
8 brass padlocks .....	2.80
6 japanned locks .....	1.20
6 8 in. x 12 in. wooden signs, "Turn out lights," etc.....	3.00
8 house brooms .....	1.84
6 16 qt. tin pails.....	1.20
1 12 in. x 24 in. wooden sign, "Turn out lights," etc.....	1.00
Total .....	<u>\$4,947.88</u>

TOOLS AND SUPPLIES IN ARMATURE ROOM.

	Present Value
3 commutator clamps .....	\$ 30.75
1 paint pot .....	.10
1 shellac pot .....	.63
1 3 in. wall brush.....	.60
1 2 in. varnish brush.....	.54
2 1 in. sash brushes .....	.39
11 armature horses .....	11.00
1 book press .....	5.50
1 blow torch .....	5.40
1 gal. gasoline can.....	.50
1 gal. alcohol can.....	.50
2 hand bellows .....	1.20
1 broom .....	.23
2 shovels .....	1.13
2 refuse boxes .....	1.50
1 jig for making commutators.....	4.50
1 plate for setting up commutators.....	6.50
1 brass jig for making 800 armature shield No. 24.....	7.50
59 porcelain insulator washers for headlight resistance.....	4.91
24 patent wire connectors .....	.42
2 W. P. 50 armature leads.....	.15
3 dry batteries .....	.53
2 lb. brass spring wire .....	1.10
40 pieces steel spring wire.....	3.20
2 wooden pulley bushings .....	1.00
7 lb. No. 25 S. C. C. magnet wire .....	3.22
16 empire cloth .....	4.96
56 maple wedges for W. P. 50 armatures.....	.84
210 Ray armature sticks .....	2.70
11 air motor field A. A. 1.....	112.75
193 W. P. 50 linen insulators.....	19.30
1/2 pt. glycerine .....	.10
2 bobbins for winding W. P. 50 coils.....	1.50
1 lb. plaster paris and jar.....	.30
45 No. 52 coils, 29 to set.....	25.10
2 qts. machine oil.....	.22
2 qts. Sterling black plastic insulation.....	.88
1 gal. insulating varnish.....	1.50
1/3 electro varnish .....	.70
84 lb. bar steel, 2 in.....	2.52
68 1/2 lb. steel, 1 3/4 in. x 1 3/4 in.....	2.06
800 nuts .....	3.00



# 475 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Armature Room—Continued.

		Present Value
4	vulcanized braze rings, 800.....	\$ 4.00
1	vulcanized ring A A 1.....	.50
4	mica braze rings.....	3.00
8	untaped 800 field.....	134.56
19	hooks for hanging field.....	3.42
1	800 field former.....	25.00
1	52 field former.....	25.00
1	54 field former.....	25.00
14	lb. No. 14 S C C magnet wire.....	3.50
6	lb. No. 16 D C C magnet wire.....	1.56
10	lb. No. 20 D C C magnet wire.....	5.00
1	122 No. 18 S C C magnet wire.....	1.60
1	4-14 No. 22 S C C magnet wire.....	1.80
5	lb. No. 22 D C C magnet wire.....	3.85
6	3 No. 22 S C C magnet wire.....	8.40
20	lb. No. 16 S C C magnet wire.....	5.20
31	screws, 1/2 in x 3 in.....	.07
33	screws, 1/2 in x 3/4 in.....	.02
6	millng tools.....	9.00
10	pump armature bearings, pinion end, AA-1.....	25.00
3	pump armature bearings, commutator end, AA-1.....	6.00
1	pump armature pinion, AA-1.....	2.50
4	coil raiser's tools.....	3.00
2	screw drivers, 24 in.....	.50
3	16 in. bastard files.....	.76
3	16 in. mill files.....	.46
2	12 in. round files.....	.22
2	8 in. round files.....	.13
1	10 in. flat files.....	.08
2	heavy forged screw drivers.....	.50
1	device for pulling AA-1 commutators.....	3.50
6	dribs for straightening cores.....	12.00
3	caps for protecting shaft centers.....	4.50
2	socket wrenches.....	7.20
1	scrubbing brush.....	.14
1	nut for tightening 52 and 54 cores.....	5.00
1	nut for pulling 32 commutators.....	3.50
1	nut for pulling 70 commutators.....	4.00
1	nut for pulling 54 commutators.....	4.00
1	clamp for pulling W. P. 50 rings.....	13.00
1	spanner wrench.....	8.00
1	bar.....	2.00
1	wrench for 800 commutator nuts.....	5.00
1	commutator spanner wrench.....	6.50
3	ft. 2 in. pipe.....	.33
1	1 in. open end wrench.....	1.50
2	ft. 1 1/4 in. pipe.....	.13
4	ft. 1 in. pipe.....	.14
1	pinion spanner wrench.....	5.00
1	wrench for 1 1/4 in. hex nuts.....	5.00
1	spanner wrench for No. 800 shields.....	6.00
2	6 in. band clamps.....	5.00
1	ft. 3/4 in. pipe.....	.04
1	ring for W. P. 50 bearing.....	1.25
4	armature cranks.....	14.00
1	sheet of steel, 20 in. x 4 in. x 1/4 in.....	.20
1	No. 800 armature shields.....	12.20
1	1/2 in x 13 in. machine bolts.....	.28

Tools and Supplies in Armature Room.—Continued.

		Present Value
4	$\frac{5}{8}$ in. x 9 in. machine bolts.....	\$ .15
6	$\frac{3}{4}$ in. x 9 in. machine bolts.....	.27
3	$\frac{3}{4}$ in. x $7\frac{1}{2}$ in. machine bolts.....	.13
2	$\frac{3}{4}$ in. x 12 in. machine bolts.....	.11
2	$\frac{3}{4}$ in. x 5 in. machine bolts.....	.07
2	$\frac{3}{4}$ in. x 15 in. machine bolts.....	.14
2	$\frac{5}{8}$ in. x 16 in. machine bolts.....	.16
1	$\frac{7}{8}$ in. x 12 in. machine bolt.....	.07
2	$\frac{3}{8}$ in. x 7 in. machine bolts.....	.02
1	$\frac{3}{8}$ in. x 10 in. machine bolt.....	.02
2	$\frac{1}{2}$ in. x 5 in. machine bolts.....	.04
8	grease collars, 800.....	3.04
1	W. P. 30 grease collar.....	.38
7	800 commutator shells.....	22.40
2	W. P. 50 commutator shells.....	7.40
6	Ray commutator shells.....	24.00
1	5 in. pipe flange.....	.45
13	headlight coils.....	37.18
1	iron block weight, $109\frac{1}{2}$ lb.....	4.38
1	slate board, 24 in. x 24 in. x $\frac{3}{4}$ in.....	5.80
19	wall sockets.....	3.42
2	5 amp. Hart snap switches.....	1.10
1	10 amp. Hart snap switches.....	1.20
1	25 amp. knife switches.....	.59
30	ft. No. 12-7 strand wire.....	.81
2	No. 6 soldering iron, copper.....	4.80
1	cluster of 10 sockets.....	5.80
1	cluster of 5 sockets.....	3.55
1	wash stand.....	5.00
2	stools.....	1.00
1	steel plate, 8 in. x $18\frac{1}{2}$ in. x $1\frac{1}{4}$ in.....	.42
15	trailer connector complete.....	18.00
17	connector plugs.....	3.40
5	ground wire terminals.....	1.50
16	brush holder plates.....	5.60
8	field wire terminals No. 800.....	.96
23	field wire terminals No. 52.....	2.76
1	No. 800 field terminals.....	.12
10	lb solder.....	2.25
1	tool rack.....	4.00
6	lb. chrome yellow.....	1.80
1	frame for resistance coil.....	1.80
4	empty spools, power air governor.....	4.00
2	old coils, power air governor.....	5.00
1	new coil, power air governor.....	3.75
1	gasoline soldering iron, automatic.....	25.00
	$7\frac{1}{2}$ lb. wire for headlight resistance.....	1.88
	$11\frac{1}{2}$ lb. sleeving.....	8.05
2	rolls webbing.....	1.98
1	roll line tape.....	1.28
1	10 oz. W. P. 50 amber mica.....	2.69
9	5 oz. 800 mica.....	19.40
4	13 oz. 52 mica.....	9.02
3	set 800 bars.....	43.38
1	set 52 bars.....	13.60
	$7\frac{1}{4}$ lb. $\frac{1}{2}$ in. fibre.....	1.67
110	ft. No. 6-7 strand wire.....	6.69
3	lb. white lead.....	.27

# 478 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Armature Room.—Continued.

		Present Value
2	lb. sheet mica.....	\$ 3.80
160	800 armature sticks, 105 set.....	.68
3	rolls cotton tape, 72 yds. each.....	1.01
4¾	lb. micanite .....	11.88
2	gal. black paint.....	3.00
1	gal. shellac .....	3.92
5½	lb. 7½ in. x 1¾ in. cut mica.....	13.75
1	insulation cutting board.....	7.00
1	800 field shield.....	1.00
1	54 coil former, wooden.....	5.50
3	wooden commutator clamps .....	24.00
3	wooden Ray field formers.....	16.50
1	wooden 52 coil former.....	5.50
160	lb. 10 D. C. C. magnet wire.....	66.16
100	lb. D. C. C. magnet wire.....	22.60
1	table for cutting insulation.....	7.50
1	roll of red tape paper, 105 lb.....	11.34
1	fire barrel .....	1.20
1	fire bucket .....	.75
11	ft. ½ in. gas pipe.....	.34
12	ft. 1 in. gas pipe.....	.42
14	ft. ¾ in. gas pipe.....	.50
1	field dipping tub.....	4.75
7	52 outer mica cones.....	7.88
4	52 inner mica cones.....	1.50
16	800 inner mica cones.....	12.00
26	800 mica rings, inside.....	19.50
329	end connectors for Buckeye generator.....	32.90
1	marble slab, 6 in. x 8 in. x ¾ in.....	2.00
1	top for gasoline stove.....	.75
3	arc light series coils.....	5.40
3	General Electric Co. fuse plugs.....	.36
2	porcelain tubes, ¾ in. x 5 in.....	.34
1	800 wooden field form.....	18.00
75	lb. No. 14 D. C. C. magnet wire.....	85.10
1,000	ft. curtain cable open car.....	15.00
50	curtain rollers open car.....	10.00
30	ft. cane for seats, 90 sq. ft.....	18.90
25	lb. scrap brass.....	4.25
4	G. E. 52 oil boxes.....	4.00
4	G. E. 800 armature shields.....	1.00
2	air governor cupboards.....	1.50
3	car rheostats G. E. 800.....	75.00
4	light rheostats .....	30.00
60	lb. brush holder parts.....	30.00
6	automotoneers .....	90.00
1	magnet bell, complete.....	5.50
2	30 Ray motor brush holders.....	.20
3	W. P. 50 motor brush holders.....	3.75
7	G. E. 70 brush holders.....	22.75
33	G. E. 800 brush holders.....	42.90
5	G. E. 52 brush holders.....	8.75
50	lb. copper contact controller plates.....	25.00
150	lamp sockets .....	27.00
25	lb. controller fingers.....	12.50
3	controller rolls .....	28.50
50	porcelain light insulators.....	1.50
25	lb. miscellaneous scrap copper.....	4.25

Tools and Supplies in Armature Room.—Continued.

		Present Value.
150	2 way wire connectors.....	\$ 6.75
50	lb. circuit breaker connectors.....	25.00
5	circuit breaker fibres .....	1.15
1	circuit breaker spring plate .....	.60
1	steel motor-canopy switch .....	4.75
19	light switches .....	11.29
50	canopy switches .....	375.00
170	lb. miscellaneous bolts, iron.....	2.55
1	electric headlight reflector .....	6.50
18	canopy switch fibre covers.....	15.30
5	Ray motor field shields, brass.....	25.00
50	lb. miscellaneous scrap .....	2.00
200	lb. scrap wire .....	32.00
30	G. E. 800 motor, cover catches.....	7.50
1	lightning arrester .....	3.52
50	controller handles .....	29.00
4	fender castings, iron .....	1.13
1	ventilating fan frame .....	5.00
1	circuit breaker frame.....	3.00
1	engine valve .....	2.25
2	controller magnet coils.....	4.00
1	circuit breaker blow out coil.....	3.25
2	air cylinders, 2 in. x 14 in. long.....	22.00
1	air valve (3-way) .....	2.25
2	governors (air) .....	50.00
2	air governors, magnet coils.....	7.00
2	cupboards for clothes .....	30.00
4	G. E. 70 brush yokes.....	12.00
3	G. E. 52 brush yokes.....	12.39
2	G. E. 800 brush yokes.....	5.50
6	ft. ½ in. gas pipes.....	.18
2	air checks, ½ in.....	2.00
2	½ in. whistle valves.....	2.50
4	½ in. ell.....	.12
6	air cylinder leather rings.....	3.00
1	air motor frame gaskets.....	.50
3	arc light reflectors .....	8.40
1	headlight .....	20.00
1	clothes cupboard .....	25.00
51	G. E. 800 brush holder replacements.....	127.50
5	G. E. 70 brush holder replacements.....	18.75
1	oak brush, 3 in. x 4 in. x 6 1-6 in. top.....	3.50
1	6 ft. step ladder.....	1.50
1	painters' rack for sash.....	1.50
225	fender slats, painted.....	18.00
1	Pullman illuminating sash sign.....	5.00
10	painters' horse, 4 ft. high.....	20.00
4	painters' horse, 7 ft. high.....	10.00
1	ladder .....	1.75
32	ft. plank, pine, 2 in.....	1.60
30	ft. 2 in. pattern lumber pine.....	2.40
4	car panel formers .....	40.00
20	ft. oak for stone jacks, 4 x 9.....	6.40
2	G. E. 70 armatures.....	360.00
1	G. E. 80 armatures, new.....	187.50
3	G. E. 52 armatures.....	450.00
1	G. E. 54 armatures.....	142.50
7	G. E. 800 armatures.....	1,060.00

## 480 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

### Tools and Supplies in Armature Room.—Continued.

		Present Value.
2	G. E. W. P. 50 armatures.....	\$ 340.00
4	G. E. W. P. 30 armatures.....	606.00
1	Ray 30 armature.....	200.00
3	Ray 40 armatures.....	525.00
Total.....		<u>\$6,747.28</u>

### TOOLS AND SUPPLIES IN MACHINE SHOP.

		Present Value.
1	26 in. crow foot wrench.....	\$ 1.35
2	25 lb. sledge hammers.....	3.00
1	5 lb. cold cut.....	.60
1	Ray motor pinion drift, 50 lb.....	2.50
1	3 in. hex. nut armature wrench .....	5.78
1	1 in. hex. straight socket wrench.....	.90
1	$\frac{7}{8}$ in. straight socket wrench .....	.75
1	1 in. straight socket wrench .....	1.00
1	$\frac{7}{8}$ in. crowfoot wrench .....	1.25
1	$\frac{7}{8}$ in. double end "S" wrench .....	.45
1	1 $\frac{1}{2}$ in. cap screw wrench .....	1.20
8	lb. $\frac{7}{8}$ in. hex. steel .....	.72
5	lb. $\frac{7}{8}$ in. hex. steel .....	.45
3	lb. $\frac{7}{8}$ in. hex. steel .....	.27
1	1 $\frac{1}{2}$ in. cap screw wrench.....	.90
1	Miller No. 10 hack saw .....	1.00
1	$\frac{7}{8}$ in. hex. socket wrench .....	.75
1	1 in. goose neck socket wrench.....	1.10
1	$\frac{3}{4}$ in. straight socket wrench .....	.60
1	$\frac{7}{8}$ in. straight wrench .....	.80
1	$\frac{5}{8}$ in. and $\frac{3}{4}$ in. "S" wrench .....	.48
1	$\frac{5}{8}$ in. and $\frac{3}{4}$ in. "S" wrench .....	.30
1	$\frac{7}{8}$ in. and 1 in. "S" wrench .....	.75
1	1 in. hex. box wrench.....	5.23
1	$\frac{3}{4}$ in. hex. box wrench .....	1.93
1	5 lb. cold cut.....	.60
1	1 in. drift punch, 5 lb.....	.20
1	$\frac{5}{8}$ in. hex. box wrench .....	1.21
1	$\frac{7}{8}$ in. hex. socket wrench .....	1.25
1	$\frac{7}{8}$ in. crowfoot wrench .....	.90
1	$\frac{7}{8}$ in. straight wrench .....	.70
1	$\frac{3}{4}$ in. straight wrench .....	.55
1	$\frac{7}{8}$ in. hex. steel cold chisel .....	.50
5	lb. $\frac{7}{8}$ in. round spring steel.....	.50
1	$\frac{5}{8}$ in. "S" wrench .....	.35
1	$\frac{7}{8}$ in. "S" wrench .....	.65
1	$\frac{3}{4}$ in. "S" wrench .....	.38
1	$\frac{7}{8}$ in. hex. socket wrench .....	.90
1	$\frac{7}{8}$ in. crowfoot wrench .....	.90
1	$\frac{7}{8}$ in. hex. socket wrench .....	1.00
1	1 in. and 1 $\frac{1}{4}$ in. "S" wrench .....	.75
1	$\frac{7}{8}$ in. straight socket wrench .....	.90
1	$\frac{3}{4}$ in. straight socket wrench .....	.95
1	$\frac{3}{4}$ in. socket goose neck wrench .....	.85
1	$\frac{1}{2}$ in. straight socket wrench .....	.85
1	1 in. and 1 $\frac{1}{8}$ in. double end wrench.....	1.19
1	1 in. and 1 $\frac{1}{2}$ in. double end wrench.....	1.40
1	$\frac{5}{8}$ in. square socket wrench.....	.75

Tools and Supplies in Machine Shop.—Continued.

		Present Value.
17	lb. ¼ in. octagon steel.....	\$ 1.53
7	lb. 1 in. spring steel .....	.70
1	⅞ in. hex. goose neck wrench .....	.90
1	⅞ in. hex. straight socket wrench .....	.80
1	1½ in. straight end wrench .....	.90
1	⅞ in. straight end wrench .....	.55
1	rivet set .....	.20
1	⅝ in. straight socket wrench .....	1.60
1	⅞ in. straight socket wrench .....	1.60
1	5 ft. 2 in. steel crow bar.....	1.10
1	56 in. old man .....	1.00
1	32 in. old man .....	1.00
1	42 in. old man .....	1.00
1	24 in. old man .....	1.00
1	30 in. old man .....	1.00
1	32 in. old man .....	1.00
1	26 in. old man .....	1.00
1	20 in. old man .....	1.00
1	40 in. old man .....	1.00
1	16 in. old man .....	1.00
1	½ in. G. N. socket wrench.....	1.60
1	double end 1 in. wrench .....	1.60
1	single end ½ in. crowfoot wrench .....	1.60
2	⅝ in. hex. socket wrench .....	3.20
1	⅞ in. straight wrench .....	1.60
1	⅞ in. straight wrench .....	1.60
1	⅝ in. straight wrench .....	1.60
1	⅝ in. straight wrench .....	1.60
1	⅞ in. tap wrench .....	1.60
1	¾ in. pipe plug wrench.....	1.60
1	1 in. hex. box wrench .....	1.60
1	1½ in. hex. box wrench .....	1.60
1	1⅛ in. straight wrench .....	1.60
1	1 in. straight wrench .....	1.60
1	1½ in. straight wrench .....	1.60
1	1⅛ in. square wrench .....	1.60
1	½ in. crowfoot wrench .....	1.60
1	handle 1 in. socket wrench .....	1.60
1	⅞ in. wrench .....	1.60
1	1½ in. and 2 in. box socket wrench.....	1.60
1	⅞ in. and 2 in. handle for wrench.....	1.60
1	2 in. and 1½ in. clamp adj. screw.....	18.00
1	1½ in. and 1½ in. clamp adj. screw.....	15.00
1	¾ in. and 1½ in. tool steel chisel bar.....	2.50
1	1½ in. handle vise screw .....	3.00
1	¾ in. hooks in ring .....	1.25
1	¾ in. hooks in ring .....	1.25
1	⅞ in. hooks in ring .....	1.25
1	1¼ in. chain pipe wrench .....	3.25
1	½ in. and 1¼ in. single end wrench .....	1.40
1	1¼ in. handle vise screw .....	1.40
1	1⅛ in. and 2½ in. adjusting screw.....	1.40
1	G. E. 800 pinion puller .....	15.00
1	G. E. 800 5 E pinion puller.....	15.00
1	G. E. 70 pinion puller .....	18.00
2	⅞ in. carrving bars .....	1.00
1	1¼ in. spanner wrench .....	5.00
1	1½ in. spanner wrench .....	4.00

**422 VALUATION—CALUMET ELECTRIC STREET RAILWAY.****Tools and Supplies in Machine Shop.—Continued.**

		Present Value.
2	$\frac{5}{8}$ in. pinion driver .....	\$ 5.00
1	1 $\frac{1}{2}$ in. G. E. 70 pinion nut wrench .....	3.50
2	$\frac{3}{4}$ in. drills .....	1.16
2	$\frac{11}{16}$ in. drills .....	1.06
2	$\frac{11}{16}$ in. drills .....	1.12
2	$\frac{11}{16}$ in. drills .....	.94
2	$\frac{5}{8}$ in. drills .....	.88
1	$\frac{11}{16}$ in. drill .....	.41
3	$\frac{7}{8}$ in. drills .....	1.11
3	$\frac{11}{16}$ in. drills .....	1.02
4	$\frac{1}{2}$ in. drills .....	1.40
2	$\frac{11}{16}$ in. drills .....	.60
1	$\frac{7}{8}$ in. drill .....	.32
2	$\frac{11}{16}$ in. drills .....	1.70
2	$\frac{3}{8}$ in. drills .....	.49
1	$\frac{11}{16}$ in. drill .....	.24
2	$\frac{7}{8}$ in. drills .....	.44
1	$\frac{3}{4}$ in. drill .....	.20
1	$\frac{3}{4}$ in. drill .....	.24
1	1 $\frac{1}{4}$ in. drill .....	.19
1	$\frac{3}{4}$ in. drill .....	.19
1	$\frac{3}{4}$ in. drill .....	.19
1	$\frac{7}{8}$ in. drill .....	.19
1	$\frac{3}{4}$ in. drill .....	.16
1	$\frac{1}{8}$ in. drill .....	.16
1	spindle boring bar .....	12.50
1	standard No. 2 improved drill chuck .....	51.30
5	No. 2 drill sockets .....	9.00
2	No. 1 drill sockets .....	2.40
36	assorted twist drills .....	7.20
2	No. 2 ratchets .....	4.00
1	jig to hold journal collars .....	3.50
1	jig to hold trolley harp pins .....	2.50
1	wooden bench, 7 ft. long, 2 ft. wide, 1 drawer .....	5.50
1	shelf for hand dies .....	.75
1	pigeon hole shelf for drills and taps .....	4.00
1	18 ft. ladder, ironed .....	4.50
1	10 ft. iron tripod .....	20.00
1	chain block, 1 ton .....	25.00
2	machinists' tools .....	2.00
1	fire barrel .....	1.20
1	fire bucket .....	.50
1	stand to hold barrel .....	.50
1	20 ft. ladder, ironed .....	5.00
4	1 in. taps .....	8.00
1	1 in. blacksmith's tap .....	2.15
1	set $\frac{7}{8}$ in. taps .....	4.80
1	set $\frac{7}{8}$ in. blacksmith's tap .....	5.40
1	$\frac{7}{8}$ in. left hand tap .....	1.60
1	$\frac{7}{8}$ in. blacksmith's left hand tap .....	1.80
1	set $\frac{3}{4}$ in. taps .....	3.60
1	$\frac{3}{4}$ in. blacksmith's tap .....	.50
2	set $\frac{5}{8}$ in. taps .....	5.40
2	$\frac{5}{8}$ in. blacksmith's tap .....	1.00
1	set $\frac{1}{2}$ in. taps .....	2.10
1	set $\frac{1}{2}$ in. 12 thread taps .....	2.10
2	set $\frac{7}{8}$ in. taps .....	3.60
1	set $\frac{3}{8}$ in. taps .....	1.65

Tools and Supplies in Machine Shop.—Continued.

		Present Value
1	$\frac{3}{8}$ in. blacksmith's tap.....	\$ .55
1	set $\frac{1}{8}$ in. taps .....	1.50
1	set $\frac{1}{4}$ in. taps .....	1.35
1	set $\frac{1}{8}$ in. 24 thread taps.....	1.50
18	different size tap wrenches.....	12.60
1	22 in. die stock, No. 1 .....	7.50
1	28 in. die stock .....	13.00
1	socket die holder.....	.30
1	$1\frac{1}{2}$ in. die.....	2.50
1	1 in. die.....	1.80
2	$1\frac{1}{2}$ in. dies.....	3.60
2	$\frac{7}{8}$ in. standard dies.....	3.00
2	$\frac{7}{8}$ in. blacksmith's dies.....	3.00
1	$\frac{7}{8}$ in. left hand die.....	1.50
2	$\frac{3}{4}$ in. dies .....	2.20
1	$\frac{3}{4}$ in. blacksmith's die .....	1.50
1	$\frac{5}{8}$ in. die .....	1.10
1	$\frac{5}{8}$ in. blacksmith's die .....	1.10
2	$\frac{1}{2}$ in. dies, 12 threads.....	2.20
2	$\frac{1}{2}$ in. dies, 13 threads.....	2.20
1	$\frac{1}{2}$ in. blacksmith's die, 12 threads.....	1.10
1	$\frac{7}{8}$ in. die .....	1.10
2	$\frac{3}{8}$ in. dies .....	2.20
1	$\frac{3}{8}$ in. blacksmith's die .....	1.10
1	$\frac{1}{8}$ in. die .....	1.10
2	$\frac{1}{4}$ in. dies .....	2.20
1	$\frac{1}{8}$ in. die, 24 threads .....	1.10
1	$2\frac{5}{8}$ in. hand reamer .....	5.11
1	$2\frac{1}{2}$ in. hand reamer .....	4.69
1	$2\frac{1}{4}$ in. hand reamer .....	3.96
1	2 in. hand reamer .....	3.36
1	$1\frac{3}{4}$ in. hand reamer .....	2.80
1	$1\frac{1}{2}$ in. hand reamer .....	2.37
1	$1\frac{1}{4}$ in. hand reamer .....	1.75
1	$\frac{7}{8}$ in. hand reamer .....	1.12
2	$\frac{3}{4}$ in. hand reamers .....	1.88
1	$\frac{5}{8}$ in. hand reamer .....	.80
1	$\frac{1}{2}$ in. hand reamer .....	.70
2	taper reamers for odd jobs.....	12.00
1	No. 3 socket reamer.....	4.80
3	sweeper bearing brasses, end.....	14.25
3	bearing brasses, middle.....	9.75
6	G. E. 52 motor cups.....	15.00
4	trolley tension bases.....	6.60
357	rheostat grids .....	35.70
1	$5\frac{3}{4}$ in. jig for boring round bearings.....	4.90
1	$5\frac{1}{4}$ in. jig for boring round bearings.....	4.80
1	$4\frac{1}{2}$ in. jig for boring round bearings.....	4.60
1	$4\frac{1}{8}$ in. jig for boring round bearings.....	4.20
2	4 in. jigs for boring round bearings .....	8.00
1	$3\frac{3}{4}$ in. jig for boring round bearings.....	3.70
1	$3\frac{1}{2}$ in. jig for boring round bearings.....	3.30
1	$3\frac{5}{8}$ in. jig for boring round bearings.....	3.40
1	5 in. jig for boring round bearings.....	7.80
12	mandrels for all standard work on lathe.....	16.80
36	$\frac{5}{8}$ in. bolts from 2 in. to 14 in. long for clamping.....	1.80
12	strap clamps .....	3.00
1	adjusting boring bar with 24 cutters.....	22.00



# 484 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Machine Shop.—Continued.

		Present Value
5	center boring bars.....	\$ 30.00
1	rigging for machining line hangers.....	20.00
46	water tempering lathe tools.....	80.50
14	5/8 in. x 1 1/2 in. tools.....	24.50
1	extension tool holder, with 6 cutters.....	4.50
24	sets of dies .....	80.40
1	1 3/4 in. drill.....	2.94
1	1 5/8 in. drill.....	2.52
1	1 1/2 in. drill.....	2.10
1	1 1/4 in. drill.....	1.58
2	1 3/8 in. drills.....	4.20
1	1 1/8 in. drill.....	1.33
1	1 1/8 in. drill.....	1.19
1	1 1/2 in. drill.....	1.12
2	1 in. drills.....	1.84
3	3/4 in. drills.....	2.55
1	1 1/8 in. drill.....	.85
2	3/4 in. drills.....	1.34
1	7/8 in. drill.....	.77
2	1 1/8 in. drills.....	1.52
3	3/4 in. drills.....	1.86
22	pair 4 in. axle collars.....	10.56
28	McGuire truck coil springs.....	23.38
12	McGuire M suspension springs.....	12.00
1	top half steel motor gear case.....	8.50
1	G. E. 800 bottom half motor gear case.....	7.50
8	McGuire brake shoes .....	3.04
12	McGuire brake hangers .....	7.20
23	McGuire M. suspension spring washers.....	2.30
3	McGuire brake heads .....	2.00
30	oak planks, 2 1/2 in. x 10 in. x 12 in.....	1.80
16 1/2	pine planks, 3 in. x 10 in. x 5 1/2 in.....	.66
4	McGuire journal box covers.....	1.00
3	steel motor suspension springs.....	1.05
5	Brill motor suspension springs.....	1.38
6	ft. link chain, 3/8 in.....	.46
33	B. B. heads .....	2.10
1	B. G. B. hangers.....	.40
10	B. B. shoes .....	4.64
1	McGuire B. B. 2 B. heads, 2 hangers attached.....	1.80
4	G. E. No. 52 pole shoes.....	8.00
4	G. E. No. 52 pole shields.....	7.20
2	G. E. 800 commutator end armature caps.....	4.75
4	Brill brake emery shoes.....	15.00
5	McGuire brake emery shoes.....	18.75
1	trolley stand complete .....	12.00
6	Grove top half side bearings.....	4.85
9	Robey bottom side bearings.....	5.85
1	Robey top half side bearings.....	.47
1	Brill bottom half side bearings.....	.50
4	Brill roller sides .....	6.20
1	G. E., 800 axle caps .....	2.38
2	G. E., 52 axle caps .....	4.76
2	G. E., 52 armature cap, com. end.....	4.76
3	trolley bases .....	4.50
8	truck numbers .....	1.20
7	Grove journal boxes.....	38.50
2	Robey journal boxes.....	11.00

Tools and Supplies in Machine Shop.—Continued.

		Present Value
6	Grove brake hangers.....	\$ 3.00
2	new B. B. heads, Grove.....	1.40
4	H. bolts, castings.....	2.00
4	bolster plates .....	8.00
1	oak plank, 3 in. x 7½ in. x 10 in. long, 2½ in.....	.15
7	G. E. 800 brush holders .....	9.10
50	lb. brass scrap castings.....	5.50
4	1½ in. couplings .....	.20
4	1½ in. tees .....	.12
2	1½ in. long nipples .....	.10
3	¾ in. short nipples .....	.06
1	¾ in. ell .....	.03
1	¾ in. checks and waste valve.....	.51
1	¾ in. globe valve .....	.50
1	¾ in. union .....	.06
2	¼ in. union .....	.12
16	sleet cutter's stock .....	7.20
25	fender hangers, machined.....	27.50
1	cast steel sprocket pinion, 2½ in. x 1¾ in.....	1.35
15	lb. trolley spring straps.....	5.70
300	angle irons, ½ in. x ⅝ in. x 5 in. angle.....	45.00
20	fender castings, 5 lb. each.....	4.50
15	bond terminals .....	6.30
8	line insulator bases.....	.96
8	scraper blades for cars, ½ in. x 8 in. x 26 in.....	7.60
24	5 in. trolley wheels and bayonet harps .....	64.08
25	5 in. trolley tension coil springs .....	3.50
6	5 in. trolley tension coil springs .....	.84
15	Robey end locks, Brill .....	7.65
9	Grove end locks, G. E. 70.....	4.59
18	McGuire end locks.....	5.94
8	car brake chains .....	6.40
1	air tank (testing).....	20.00
4	1½ in. flanges .....	.24
3	1½ in. nipples .....	.87
2	1½ in. ells .....	.08
3	45 ft. degree ells.....	1.80
1	pattern maker bench, oak top, 30 in. x 10 ft.....	10.20
1	oak work bench, 8 ft. 30 in. x 10 ft.....	12.00
53	lb. 1 in. cold rolled steel.....	3.18
22	lb. ⅝ in. cold rolled steel.....	1.32
16	lb. ½ in. cold rolled steel.....	.96
22	lb. ¾ in. soft steel.....	.64
1	¾ in. x 9 in. copper tube.....	4.60
10	lb. ⅝ in. soft steel.....	.29
35	ft. ½ in. gas pipe.....	1.05
2	½ in. ells .....	.06
3	½ in. tees .....	.24
26	lb. 1⅛ in. soft steel.....	.75
60	lb. ⅜ in. soft steel.....	1.74
1	iron pulley, 8 in. x 6½ in., 1¼ in. bore.....	1.16
1	iron pulley, 6 in. x 3 in., 1½ in. bore.....	.81
1	iron pulley, 8 in. x 5½ in., 1½ in. bore.....	1.08
1	iron pulley, 6 in. x 6½ in., 1½ in. bore.....	1.00
1	iron pulley, 6 in. x 6 in., 1½ in. bore.....	.90
1	rawhide pulley, 6½ in. x 4½ in., 2½ in. taper.....	9.00
1	wood pulley, 10 in. x 4½ in., 1⅜ in. bore.....	1.26
50	lb. 3 in. double belt.....	20.00

# 486 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Machine Shop.—Continued.

		Present Value
2	lb. belt lace hide.....	\$ .80
12	W. P. 50 armature bearing caps, brass.....	18.00
6	stuffing box brass rings, 1¾ in.....	3.12
1	stuffing box brass ring, 1¾ in.....	.48
1	iron pulley, 4 in. x 3 in.....	.76
4	iron pulleys, 4½ in. x 3¼ in.....	3.20
2	Ray motor rawhide pinions, 7½ in.....	18.00
3	G. E. 70 axles.....	9.45
1	G. E. 800 axle.....	3.15
13	sets center plates .....	56.16
5	G. E. 52 axle bearings.....	2.05
5	G. E. 800 axle bearings.....	11.25
3	G. E. 70 axle bearings.....	2.07
1	G. E. 70 armature shaft.....	15.00
12	G. E. 800 armature bearings, pinion ends.....	37.32
12	G. E. 800 armature bearings, commutator ends.....	4.43
6	G. E. 52 armature bearings, commutator ends.....	15.00
3	G. E. 800 axle collars .....	.72
3	round bearing jigs .....	12.00
14	G. E. 800 armature collars, machined.....	8.40
7	G. E. 70 axles .....	22.05
3	G. E. 800 axles .....	9.45
22	brake beams .....	55.88
4	pair G. E. 70 Babbitted bearings, armature pinion bottom end .....	42.40
6	G. E. 52 Babbitted bearings, commutator ends.....	38.82
14	G. E. 800 Babbitted bearings, pinion ends.....	81.20
1	steel motor bearing.....	7.60
5	Ray motor bearings.....	30.00
2	G. E. 800 armature shaft.....	15.00
11	new 70 axle bearings, malleable.....	7.59
13	new 52 axle bearings, malleable.....	5.33
15	new 800 axle bearings, brass.....	33.75
20	800 armature bearings, pinion end.....	62.20
20	800 armature bearings, commutator end.....	7.38
2	round bearing jigs .....	8.00
2	G. E. 800 follower plates.....	1.40
1	16 in. gear, Ray.....	10.00
35	brass bearings .....	99.75
50	pair cast iron plates for motorman's stool.....	19.00
12	replacement arm shafts .....	60.00
1	butt casting, G. E. 52 armature.....	.90
1	boring bar .....	6.00
1	1½ in. 5 thread tap, right hand.....	2.00
1	1½ in. 5 thread tap, left hand.....	2.00
1	set 1½ in. taps.....	10.50
1	1½ in. 16 thread taper tap.....	3.50
1	set 1¼ in. taps .....	7.80
1	set 1¼ in. taps .....	6.75
1	1½ in. blacksmith's tap .....	1.75
1	1½ in. 16 thread taper tap.....	2.25
3	pair steel motor brass bearings, pinion end, not Babbitted,...	7.80
1	pair steel motor brass bearings, pinion end.....	7.60
3	pair steel motor brass bearings, commutator end.....	20.40
1	pair steel motor brass bearings, commutator end.....	2.00
3	pairs steel axle brasses, not babbitted.....	24.00
3	pairs W. P. 50 brass axle bearings.....	24.00
6	armature bearing commutator, end not babbitted.....	4.80
6	pairs armature bearing pinion, babbitted.....	5.40

Tools and Supplies in Machine Shop.—Continued.

	Present Value
4 pairs W. P. 50 axle bearing pinions, babbitted.....	\$ 53.60
4 pairs Ray motor brasses commutator, end not babbitted....	14.40
3 pairs Ray motor brasses commutator, end babbitted.....	19.50
3 Ray motor brasses pinion, babbitted.....	22.50
3 Ray motor brasses pinion, end not babbitted.....	10.80
2 pairs counter shaft brasses .....	40.00
2 pairs W. P. 50 brasses pinion end not babbitted.....	3.20
3 pairs W. P. 50 brasses commutator end not babbitted.....	3.60
2 pairs W. P. mall. pinion end not babbitted.....	1.80
1 pair W. P. mall. commutator end not babbitted.....	.80
1 pair W. P. mall. commutator end babbitted.....	2.10
4 pairs G. E. 70 brasses pinion end babbitted .....	42.40
4 pairs G. E. 70 brasses commutator end babbitted.....	31.00
15 pairs mall. axle bearings babbitted.....	278.25
10 pairs G. E. 800 mall. pinion end babbitted .....	58.00
3 pairs G. E. 800 mall. pinion end not babbitted .....	1.80
18 pairs G. E. 800 mall. pinion end babbitted .....	83.52
2 pairs G. E. 800 mall. pinion end not babbitted .....	1.00
6 pairs G. E. 52 mall. commutator end not babbitted .....	38.82
6 pairs G. E. 52 mall. pinion end babbitted .....	49.80
Total .....	<b>\$3,291.58</b>

TOOLS AND SUPPLIES IN BLACKSMITH SHOP.

	Present Value.
2 tinnners' hammers .....	\$ 1.00
1 spring center gauge .....	1.00
3 punch blocks .....	1.50
1 face plate clamp .....	1.00
1 pinion .....	1.00
3 wooden mallets .....	.75
1 30 in. x 2 in. tinner's rolls.....	12.32
1 6 in. steel babbitting mandrel, 90 lb.....	4.50
15 babbitting jigs .....	60.00
1 scale .....	2.70
1 hand bellows .....	.50
12 truck spring seats.....	.90
8 spring bands .....	1.20
20 brake chains .....	14.40
22 ft. $\frac{1}{8}$ in. chain brakes, 40.3 lb. ....	3.12
3 brake lever clevises .....	2.25
31 McGuire brake beams .....	78.74
9 pedestal posts .....	3.15
1 Ray motor axle collar.....	.75
18 $\frac{3}{4}$ in. spring stirrups .....	18.00
12 motor support shims .....	1.20
2 McGuire brake release springs.....	.70
35 oil box feeders .....	5.25
39 brake release bolts, $\frac{5}{8}$ in. x 20 in. ....	1.95
12 U bolts, $\frac{5}{8}$ in. x 6 in. ....	1.20
1 $\frac{3}{4}$ in. elliptic spring.....	2.50
25 Brill brake hangers, complete.....	25.00
35 McGuire brake beams .....	88.90
16 Brill truck wearing plates.....	2.40
30 goose necks .....	23.10
16 Brill spring stirrups .....	32.00

# 488 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Blacksmith Shop—Continued.

	Present Value.
61 new wheels for 4 in. axles.....	\$ 466.65
28 new wheels for 4½ in. axles.....	228.20
34 replacing wheels for 4½ in. axle.....	207.74
10 replacing wheels for 4 in. axle.....	57.40
4 G. E. 52 axles, with 4 in. wheels.....	131.20
8 branding irons .....	3.60
2 spring tongues .....	3.00
1 vise screw .....	.50
1 fender runner former .....	1.50
1 clevis former .....	.50
1 mandrel .....	.40
1 bulldozer and dies complete.....	5.00
2 5 gal. gasoline torch burners.....	15.00
1 picket mould .....	.75
1 10 in. sheave frame and hook.....	3.50
1 set cross head babbitting jigs.....	.50
2 tinner's rolls .....	24.00
1 tinner's beak horn stake .....	11.48
1 tinner's creasing stake .....	3.00
1 tinner's square stake .....	2.30
1 tinner's hatchet stake .....	3.83
1 slack tub .....	1.00
1 core oven .....	25.00
1 patent car window washer .....	1.25
1 Columbia plate pattern .....	.65
2 jumping blocks .....	12.00
2 coal shovels .....	1.00
1 scoop .....	.56
1 coke fork .....	.88
1 ¾ in. socket wrench.....	.50
1 ounce band saw brazier solder.....	.60
58 pair tongs .....	72.50
19 top swage .....	14.82
26 bottom swage .....	18.20
21 anvil punches .....	12.60
8 hot chisels .....	8.00
6 cold chisels .....	6.00
8 rivet swages .....	6.40
7 top fullers .....	6.30
8 bottom fullers .....	6.80
5 flatters .....	4.00
6 gauges .....	6.00
3 side sets .....	1.80
1 set hammer .....	1.00
5 cutting off tools .....	5.00
2 tool racks .....	3.00
7 hammer swages .....	14.00
4 hammer blocks .....	2.40
3 hammer dies .....	2.10
2 hammer fullers .....	.50
3 hammer hacks .....	1.50
2 hammer wrenches .....	1.00
1 swage block stand .....	1.75
1 face plate .....	16.50
13 bending forks .....	7.80
17 heading tools .....	17.00
25 iron drifts .....	7.50
65 flat drifts .....	19.50

**Tools and Supplies in Blacksmith Shop—Continued.**

		<b>Present Value.</b>
9	square drifts.....	\$ 4.50
23	hexagon drifts .....	11.50
7	anvil clamps .....	7.00
1	5 gal. babbitting pot .....	3.50
3	anvil saddles .....	3.00
3	3 ft. 1 qt. babbitting ladles.....	2.70
2	wooden trestles .....	1.00
1	iron trestle .....	2.50
2	10 lb. sledges .....	4.00
1	18 lb. sledge .....	3.60
1	backing hammer .....	1.25
2	12 ft. ladders .....	2.50
1	swage block .....	13.50
24	drilling machine jigs .....	18.00
1	sand crushing machine .....	4.00
3	screw clamps .....	1.50
25	tons blacksmith coal .....	112.50
6	tons shop scrap steel .....	78.00
6	tons shop scrap iron .....	114.00
2	babbitting clamps, wood, 16 in. ....	1.00
1	headlight hanger former .....	7.60
3	spring formers .....	12.00
2	spring formers .....	15.00
1	truck end former.....	13.75
1	fender angle former .....	2.50
1	release spring former .....	3.50
1	pipe bender .....	3.00
2	mandrels (babbitting, 4 in.).....	18.00
1	bucket end former .....	1.00
1	air gauge .....	2.28
1	oil cup drip .....	.25
1	wood clamp .....	1.50
2	lb. sheet zinc .....	.44
1	sand box rod former.....	3.50
1	fender spring former .....	3.50
1	tripod for thermit crucible.....	3.00
1	25 lb. thermit crucible.....	11.00
1	trolley pole clip former.....	3.50
2	bar clamps (iron) .....	5.60
1	press punch .....	1.50
1	bench screw .....	1.50
1	spring stirrup former .....	.60
1	swivel .....	.30
1	babbitting bench .....	.75
4	dolly bars .....	6.00
1	8 ft. wood settee with iron frame.....	8.00
2	anvil foundation .....	6.00
2	6 in. elbows .....	.20
7	6 in. joints stove pipe.....	.70
1	No. 1 Norton screw jack.....	12.00
1	12 in. x 20 in. x 52 in. locker .....	2.50
1	6 in. x 16 in. x 18 in. sand screen, No. 16 mesh.....	.90
1	sheet asbestos .....	.25
1	iron tong rack .....	.52
1	motor support die .....	7.50
2	nail boxes .....	.10
3	¾ in. chain .....	.45
1	small babbitt ladle .....	.15

## 490 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

### Tools and Supplies in Blacksmith Shop—Continued.

		Present Value.
2	stove pipe wrenches.....	\$ .50
1	skimmer .....	.50
1	4 in. babbitt pot .....	.30
1	house broom .....	.15
1	shelf and bracket .....	.50
7	railroad picks .....	3.50
13	Brill car window locks.....	8.84
1	small trestle .....	.15
1	pair 36 in. bolt cutters.....	12.00
1	brass padlock .....	.35
1	locker, 10 in. x 18 in. x 8 ft. ....	2.00
1	22 in. bench screw and handle.....	2.50
1	hair window brush .....	1.25
2	scraper handles .....	.25
1	galvanized dipper .....	.10
1	foundation for face plate.....	3.50
2	water pails .....	.50
100	lb. lime .....	1.50
2	3 ft. x 3 ft. x 3 in. iron coke boxes.....	5.00
2	3 ft. x 3 ft x 4 in. iron coal boxes.....	6.00
1	18 in. x 24 in. x 36 in. 12 box tool rack.....	3.50
1	7 ft. track switch tongue.....	2.50
4	ft. ¾ in. gas pipe.....	.36
2	scraper jaws for snow plow.....	2.00
1	galvanized dope bucket .....	.22
1	14 in. x 40 in. x 62 in. tool cupboard .....	4.50
1	14 in. x 24 in. x 36 in. tool rack .....	1.00
1	wire push broom .....	1.50
1	qt. tin cup .....	.08
1	qt. can .....	.04
1	qt. vaseline .....	.75
3	lb. soft soap .....	.12
1	14 in. x 24 in. x 72 in. tool rack.....	1.50
1	5 light cluster reflector.....	.50
2	iron broilers, ¾ in. iron.....	.40
1	clothes closet, 24 in. x 5½ ft. x 7½ ft. ....	4.50
1	Ray motor pole .....	40.00
2	3 in. shelves with wall brackets.....	.50
Total .....		\$2,534.19

### TOOLS AND SUPPLIES IN PAINT SHOP.

		Present Value.
2	lb. car body, light .....	\$ .60
10	lb. car body, dark .....	3.00
4	lb. Tuscan red .....	.88
3	lb. window color, No. 569.....	1.05
4	lb. burnt sienna in japan .....	.96
5	lb. burnt sienna ground in oil .....	.65
2	lb. raw sienna .....	.50
3	lb. Dutch pink .....	.87
½	lb. ivory drop black .....	.06
3	lb. chrome yellow .....	.90
1	lb. lamp black .....	.09
4	lb. standard color No. 1.....	1.20
2	lb. standard color No. 2.....	.60
4	lb. special traction red .....	1.12

Tools and Supplies in Paint Shop—Continued.

	Present Value.
4 lb. special traction red, ground.....	\$ .64
1 can lye .....	.08
1 qt. primer .....	.79
1/2 gal. surfacer, B.....	1.58
2 gal. surfacer, C.....	6.30
1 gal. old work surfacer.....	3.15
1 qt. roof paint .....	.33
2 gal. floor paint .....	1.50
10 lb. red lead .....	.75
8 lb. white lead, keg.....	.57
2 gal. special black for iron.....	1.00
1/2 gal. turpentine .....	.27
1 gal. boiled oil .....	.44
1/8 lb. aluminum bronze .....	.17
1/4 lb. gold bronze .....	.25
5 1 in. camel hair brushes.....	.98
8 2 in. camel hair brushes.....	4.34
3 3 in. camel hair brushes.....	2.78
2 1 1/2 in. black hair brushes .....	.13
3 2 in. black hair brushes .....	.20
3 4 in. black hair wall brushes .....	3.30
3 round stencil wall brushes.....	1.20
1 round paint brush.....	.95
4 round dusters, white hair.....	3.00
3 round dusters, gray hair.....	2.25
5 round scrub brushes .....	3.61
4 flat scrub brushes .....	.55
2 flat wire iron cleaning brushes.....	.60
4 small handle scrub brushes, 4 row.....	.67
1 long handle window brush.....	.17
2 flat white hair brushes, 3 in.....	1.90
4 badger hair varnish brushes, 1 1/2 in.....	1.80
3 badger hair varnish brushes, 3 in.....	2.70
1 black bear hair varnish brush, 3 in.....	.10
1 shellac brush, 2 in.....	.54
2 oval white hair varnish brush.....	1.08
3 striping brush, large .....	.30
1 striping brush, small .....	.08
2 lettering brushes, large .....	.20
2 lettering brushes, small .....	.16
1 large blow torch, qt. ....	5.00
1 large blow torch, pt. ....	4.50
3 2 in. putty knives.....	.59
3 1 in. putty knives.....	.28
24 sheets No. 2 sand paper.....	.16
12 sheets No. 1 sand paper.....	.07
8 1 qt. varnish cups.....	2.00
1 Goes patent gold roller.....	1.50
5 rolls 1/2 in. gold ribbon.....	3.25
2 rolls 5/8 in. aluminum ribbon.....	1.00
2 packages aluminum leaf .....	.20
1 bear hair dust brush, 4 in. ....	1.10
1 white hair brush, 4 in. ....	1.10
2 varnish brush keepers .....	.90
4 large water pails .....	3.00
1/2 pint gold size .....	.80
1 qt. lacquer .....	2.10
3 steel scrapers .....	2.25



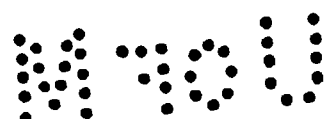
492 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

Tools and Supplies in Paint Shop—Continued.

	Present Value.
3 chamois skins.....	\$ .50
1/2 gal. oil inside varnish.....	1.18
3/4 gal. oil outside varnish.....	2.06
40 large desk sign stencils.....	30.00
5 small stencils for signs.....	2.50
30 sets number patterns .....	7.50
5 sets corner patterns for stripes .....	1.25
1 set letter patterns .....	5.00
1 set patterns, "Pay as you enter" .....	.75
1 set patterns electric bell.....	.50
3 patterns for monogram .....	1.80
2 patterns for old monogram.....	1.20
15 lb. Reno filler .....	.90
5 lb. rotten stone for polishing .....	.25
10 lb. fine ground pumice stone.....	.50
5 lb. oxalic acid .....	.48
10 No. 2-1 Schumacher rubbing bricks.....	1.57
5 No. 3-11 Schumacher rubbing bricks.....	.79
4 sponges .....	.33
2 paint can presses.....	1.00
1 set graining combs .....	1.50
2 work benches, 3 ft. x 10 ft. 2 in. pine.....	10.80
1 6 in. vise .....	17.00
10 wood horses, assorted sizes.....	10.00
4 cupboards .....	14.00
Total.....	\$ 207.05

TOOLS AND SUPPLIES IN GLASS HOUSE.

	Present Value.
1 glass table ruled for cutting glass.....	\$ 4.00
1 glass rack .....	3.50
6 funeral stools .....	18.00
1 rack for stools .....	.75
7 racks for car signs.....	17.50
1 box for old glass.....	.50
25 signal bells for cars.....	25.00
1 box for same .....	.50
2 sash glazed 18 1/2 in. x 20 in., 4 lights.....	2.94
30 illuminating signs .....	60.00
10 iron dash signs .....	15.00
54 wooden dash signs .....	67.50
18 wooden deck signs, ironed.....	54.00
2 14 in. gongs .....	3.00
40 patterns for cutting glass.....	10.00
6 23 in. x 26 in. glass.....	1.50
1 19 in. x 21 in. glass.....	.26
3 12 in. x 18 in. glass.....	.48
2 20 in. x 30 in. glass.....	.68
1 22 in. x 28 in. glass.....	.25
2 17 in. x 33 in. glass.....	.56
7 8 in. x 26 in. glass.....	1.03
1 16 in. x 21 in. glass.....	.34
36 3 1/2 in. x 12 in. headlight glass.....	1.44
1 signal bells for cars.....	1.00
2 patterns for cutting glass.....	.50
2 5 gal. oil cans .....	1.00



Tools and Supplies in Glass House—Continued.

	Present Value.
2 lightning arrester boxes.....	\$ .50
1 5 in. smoke jack for cars.....	1.25
3 lb. vaseline in old oil can.....	.15
1 gong frame and tapper.....	1.50
1 office stool socket .....	1.00
2 train numbers .....	.30
1 Garton lightning arrester .....	3.25
2 4 in. x 10 in. iron pulley.....	2.60
12 brass handles for open cars.....	3.60
26 brass gate guards for open cars, 1 lb. each.....	7.02
53 iron gate guards for open cars.....	2.65
21 iron gate guards for open cars, light weight.....	.63
1 brass sash lock for Brill car.....	.78
1 brass door lock for Brill car.....	.70
11 iron window guard holders, Brill cars.....	.33
3 brass grab handle brackets, Brill cars.....	1.50
6 brass bell cord brackets, Brill cars.....	7.50
4 brass window guides, Brill cars.....	2.40
10 lb. scrap brass .....	1.10
2 iron gong frames, Pullman cars.....	.30
1 iron gong frame, Brill cars, with taper.....	.15
1 12 in. x 18 in. oak picture frame.....	.30
4 buffer patterns .....	12.00
1 9 in. x 12 in. oak picture frame .....	.25
1 13 in. x 22 in. carpenter hand tool box.....	1.50
1 brass grab handle for Pullman car.....	.50
17 brass register rod brackets for Brill cars.....	21.25
10 brass register rod brackets bushing Brill car .....	2.00
9 brass bell rope guide brackets.....	1.80
6 brass register strap holders.....	2.40
3 brass register end levers.....	1.80
8 ¼ in. x 4 in. solid brass seat bolts.....	.80
55 ⅜ in. x 4 in. iron seat bolts with brass heads.....	2.75
1 24 in. x 29 in. drop window frame and glass.....	1.85
1 10 in. x 10 in. x 30 in. tool box.....	2.50
1 iron grab handle .....	.75
2 brass grab handle brackets.....	3.00
3 18 in. band saws.....	4.65
1 ½ pint bottle lacquer .....	.60
8 7 in. x 34 in. ventilator window frame and glass.....	14.40
Total.....	\$ 405.56

TOOLS AND SUPPLIES IN YARD BACK OF SHOP.

	Present Value.
2 Ray motor poles, No. 40 .....	\$ 48.00
2 Ray motor side plates, No. 40.....	30.00
2 Ray motor poles, No. 30 .....	44.00
1 G. E. 800 axle .....	3.25
2 G. E. 52 axle box caps .....	.50
8 52 armature bearing caps.....	18.00
1 Brill sway bar .....	3.50
1 truck frame cross support.....	1.62
1 Brill journal box keeper, 2 in. x 2 in. x 4 ft. ....	2.22
2 52 motor supports.....	8.04
8 G. E. 800 motor supports .....	32.16
1 52 axle bearing cap .....	2.30

# 494 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Yard Back of Shop.—Continued.

		Present Value.
10	G. E. 32 motor shafts.....	\$ 200.00
17	Brill 1 in. brake rods 15 ft. with brake chains.....	51.00
4	McGuire trailer journal boxes.....	11.00
4	McGuire trailer pedestals.....	9.80
4	G. E. 300 motor side supports.....	16.00
4	sweeper broom shaft journals.....	5.60
2	W. P. 50 motor supports.....	6.40
8	Columbia pedestals.....	20.00
2	Brill bolster plates ½ in. x 6 in. x 6 ft. ....	11.10
2	McGuire pedestal corners.....	39.00
6	10 gal. paint cans.....	6.00
2	¾ in. x 4 in. x 2 ft. clevis.....	4.00
1,000	building bricks.....	7.00
18	14 in. I beams.....	22.68
15	trolley bases.....	235.00
12	Brill journal boxes.....	66.00
3	McGuire journal boxes.....	8.25
50	lb. scrap cast iron.....	.75
1	blacksmith hood.....	3.00
2	sets car scrapers.....	25.00
4	empty packing barrels.....	.60
1,050	ft. yellow pine.....	52.50
1	wrecking truck.....	16.00
50	car trusses 1½x 6 ft. ....	79.00
11	ft. 2 in. gas pipe.....	1.21
1	lattice post 2½ in. x 2½ in. angle iron 19 ft. long, lattice ¼ in. x 2 in. ....	12.00
8	Dupont brake shoes.....	3.60
12	Peckham brake shoes.....	5.40
30	trailer brake shoes.....	12.60
1	iron frame for grind stone.....	15.00
3,000	lb. scrap steel.....	22.50
5	pieces 3½ in. x 3½ in. angle iron 4 ft. 4 in. ....	6.75
4	pieces ¾ in. x 4 in. soft steel 7 ft. ....	6.20
4	McGuire truck frame sides.....	6.20
5	¼ in. x 4 in. x 6 ft. pedestal plates.....	10.70
2	1¼ in. x 1¼ in. x 6 ft. sweeping shaft.....	8.40
4	pieces channel iron 1 in. x 7 ft.....	1.68
1	Brill car bumper 3½ in. x 6 in. x 9 ft.....	8.00
250	1¼ in. x 12 in. bolts for coupling pins.....	30.00
150	lb. ¾ in. x 9 in. soft steel.....	4.50
400	lb. scrap axle.....	4.00
1	oil pan sheet steel 3 in. deep x 3 ft. 6 in. x 3 ft. 10 in.....	10.00
3	G. E. 70 gear cases.....	53.40
15	G. E. 800 gear cases.....	78.75
50	1 in. x 5 in. soft steel.....	1.04
700	lb. scrap steel.....	4.90
1	furnace door and frame 16 in. x 32 in.....	12.50
4	Brill truck sides G. 27.....	80.00
2	core flasks iron ½ in. x 8 in. x 18 in.....	10.00
19	car large truss rods with turnbuckles.....	101.46
3	oak horses 8 ft. long 6 in. x 8 in.....	9.00
1	armature horse 2 ft. high.....	3.00
5	pieces 1¼ in. gas pipe 7 ft. long.....	2.21
5	car sides panel formers.....	50.00
1	wood frame former.....	2.50
1	6 in. x 8 in. x 8 ft. oak horse.....	3.00
1	small oil shanty.....	32.00

Tools and Supplies in Yard Back of Shop.—Continued.

		Present Value.
25	pedestals complete.....	\$ 61.25
1	new style fender former .....	15.00
5	water barrels .....	6.25
8	pedestals No. 318 .....	19.60
3	Lovejoy pedestal post and strap .....	7.35
3	Lovejoy pedestal post and strap No. 316.....	6.30
16	ft. 1¼ in. gas pipe .....	1.76
1	trolley base .....	22.00
18	McGuire trailer pedestals .....	44.10
2	10 in. pulleys 10 in. face, iron.....	4.72
30	McGuire trailer journal boxes .....	82.50
6	W. P. 50 gear cases .....	31.50
4	car steps .....	12.00
1	line center pole bracket former.....	15.00
20	sand boxes .....	88.00
4	St. Louis trailer pedestals .....	9.80
21	Brill perforated step backs .....	15.75
24	Brill step side hangers .....	15.60
1	swing saw frame .....	10.00
1	1½ in. x 3. ft. shaft. ....	.54
2	10 in. hangers. ....	2.70
4	car hoods .....	48.00
134	ft. 3 in. oak posts.....	8.04
1	oil can 24 in. diameter 5 ft. 6 in. deep.....	5.00
5	forged furnace bars 3 in. x 3 in. x 9 ft. soft iron.....	45.00
1	jacking up frame 18 in. x 6½ in. x 6 ft. 6 in. high.....	10.00
1	wood motor frame 4 ft. x 6 ft. ....	2.00
12	car bumpers 4 in. x 8 in. x 34 in.....	38.88

New Barn.

2	fire extinguishers—paint shop .....	15.00
6	fire extinguishers—new barn.....	45.00
22	water barrels—new barn .....	33.00
22	water barrels—new barn .....	33.00
169	New York tailor galv. iron deck signs.....	84.50
73	New York tailor galv. iron deck signs, old.....	36.50
167	Campbell galv. iron deck signs.....	83.50
225	Summerfield galv. iron deck signs.....	112.50
1	steel tape wheel gauge.....	5.00
1	lightning arrester .....	3.52
65	rheostats .....	65.00
5	old style electric head lights.....	25.00
1	lamp testing dark room 8 ft. high 9 ft. long and 5 ft wide....	55.00
1	marble switch stand 1½ in. x 16 in. x 20 in.....	2.00
1	electric heating cupboard .....	5.00
2	electric heaters .....	10.00
1	car gate rattler 29 in. x 29 in. x 22 ft. ....	52.00
1	lightning arrester .....	3.52
1	wood generator foundation .....	10.00
6	oak miscellaneous car doors .....	30.00
1	oak beam 6 in. x 6 in. x 7 ft. long.....	1.26
60	illuminating strips wired for trolley parties.....	240.00
14	4 panel oak doors 34 in. x 7 ft.....	98.00
9	gas tank burners .....	9.00
1	car deck sign.....	2.00
1	box empty .....	.50
1	paint brush vat 46 in. x 12 in. x 15 in.....	3.00
2	volt meter on marble slab old style.....	12.00

# 496 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Tools and Supplies in Yard Back of Shop.—Continued.

	Present Value.
48 ft. oak plank.....	\$ 2.88
1 car sub sill 2½ in. x 6 in. x 12 ft.....	1.50
1 gas pipe 6 ft. 1 in. ....	.21
1 1 in. ell .....	.04
1 1 in. tee .....	.07
1 1 in. glove valve .....	1.25
1 plank oak 3 in. x 5 in. x 5 ft. ....	.40
1 wood bracket 3 in. x 5 ft.—2 in. x 5 in. stub.....	5.00
3 ⅞ in. truss rods 14 ft. width, ⅞ in. turnbuckles.....	16.11
1 dimension stone 4 ft. x 4 ft. 6 in. thick .....	7.50
2 generator frame adjusting screws.....	6.00
80 ft. ¾ in. x 3 in. match flooring white pine.....	4.80
1 cashier's window, 3 ft. x 4 ft.....	} 20.00
1 glass 31 in. x 31 in. ....	
1 glass 8½ in. x 31½ in. ....	
2 machine frames 6 ft. 6 in. long.....	20.00
1 mortar board 3 ft. x 3 ft. ....	.75
23 ft. 1½ in. gas pipe .....	6.21
3 doors 2 ft. x 6 ft., match flooring .....	4.50
3 pair butts, 4 in. ....	.60
1 wire mesh frame for office, 7 ft. 3 in. x 5 ft. 3 in. ....	6.00
1 broom .....	.23
1 wood bracket for 6 Ray armature .....	3.50
1 car seat (cane) 18 in. x 8 ft. ....	12.50
1 coal box 2 ft. 2 in. x 2 ft. 6 in.....	2.00
1 coal barrel .....	1.20
1 stove ash pan .....	.25
1 car trap door .....	1.00
1 water barrel cover .....	.50
2 jacking blocks 6 in. x 8 in. x 3 ft. 4 in. ....	1.80
3 jacking blocks 5 in. x 14 in. x 5 ft. ....	4.50
1 jacking block 4 in. x 4 in. x 5 ft. ....	.30
1 armature trestle .....	5.00
2 jacking trestles .....	20.00
3 water barrels .....	4.50
1 bucket .....	.50
1 fire extinguisher .....	7.50
8 Ray motor poles No. 40.....	192.00
2 Ray motor poles No. 30.....	44.00
7 pine boxes 10 in. x 24 in. x 36 in. ....	7.00
18 ft. 1½ in. iron pipe .....	4.86
2 McGuire brake release springs .....	.70
3 15 in. x 24 in. x 14 ft. pattern boxes .....	15.00
2 15 in. x 24 in. x 9 ft. pattern boxes .....	10.00
1 snow plow step .....	1.00
14 cedar ties .....	7.70
1 car slipper .....	.90
1 brass gong 14 in. ....	2.50

Total.....\$3,843.85

MATERIAL IN LUMBER SHED.

		Present Value.
584	ft. hard pine for sills.....	\$ 35.04
1,400	ft. 3 in. dry clear oak plank .....	112.00
180	ft. 2 in. dry clear oak plank .....	14.40
396	ft. 1 in. dry clear oak plank .....	23.76
100	ft. 1½ in. clear dressed oak .....	8.00
356	ft. 1 in. dressed soft pine .....	14.24
280	ft. 1¾ in. dressed hard pine .....	16.80
48	ft. 3 in. clear dry maple, dressed.....	3.60
84	ft. 1¾ in. clear dry maple, dressed.....	6.30
28	ft. 1 in. clear dry maple, dressed.....	2.10
300	ft. 7/8 in. x 3 in. x ¼ in. matched sawed hard pine flooring	21.00
620	ft. 1½ in. dry clear hard pine .....	37.20
240	ft. ½ in. dry clear oak .....	19.20
500	ft. ½ in. x 2½ in. matched sheetings, white wood.....	30.00
350	ft. 7/8 in. x 3 in. matched sheetings, white wood.....	21.00
500	ft. ½ in. x 20 in. white wood panels.....	30.00
200	ft. 3/8 in. x 20 in. white wood panels.....	12.00
500	ft. 5/8 in. x 2½ in. matched poplar for ceiling.....	30.00
250	ft. ½ in. x 2½ in. matched poplar vestibule roofs.....	15.00
20	ft. 1 in. ash, dry and clear.....	1.80
450	ft. ½ in. x 2½ in. poplar .....	27.00
216	ft. 1¼ in. cherry, clear .....	25.92
250	ft. 1 in. maple, clear .....	18.75
240	ft. 1¼ in. soft pine .....	12.00
7	pieces 3/8 in. x 21 in. x 18 in. head lining, finished veneered maple .....	13.50
12	posts 3½ in. x 6½ in. x 7 in. new oak finished for cars....	74.40
10	posts 4½ in. x 5 in. x 8 in. new oak finished.....	62.00
14	posts 3½ in. x 3½ in. x 8 in. new oak finished.....	84.00
8	posts 2 in. x 8 in. x 7 in. new oak finished.....	48.00
5	new vestibule doors, 1⅞ in. x 16 in. 6 ft. 2 in., ash.....	32.50
10	new vestibule doors, 1¼ in. x 2 ft. 3 in. x 6 in. ....	75.00
4	doors 1½ in. x 2 ft. 6 in. x 6 ft. 6 in. 4 panel, pine.....	14.00
1	corner post 4 in. x 7 in. x 7 ft., ash finish.....	4.50
4	corner posts 3 in. x 4 in. x 7 ft., ash finish.....	16.80
4	double doors, vestibule, large cars, 1¼ in. x 21 in. x 6 ft., cherry finish .....	72.00
50	deck signs .....	100.00
45	car drop sash, no glass, 36 in. x 36 in.....	54.00
8	pieces ¼ in. x 20 in. x 12 ft. head lining veneered.....	7.00
4	ash slat seats with carpet, 16 ft. long, for box cars.....	48.00
7	pieces 7/8 in. x 16 in. x 16 ft. panel seat risers.....	28.00
192	ft. 1½ in. x 4 in. crown pine moulding.....	19.20
240	ft. 1½ in. x 3 in. cherry bed moulding .....	28.80
400	ft. 1¾ in. oval cypress moulding .....	36.00
400	ft. 7/8 in. quartered cypress moulding .....	24.00
16	ft. water table moulding, 1¾ in. x 4 in.....	1.28
1	car body platform (bottom) 6 ft. x 18 in. x 4 in.....	25.00
2	buffer car blocks, 2 in. x 12 in. x 6 ft., finished.....	4.92
30	register backs 12 in. x 14 in. cherry.....	6.00
132	ft. 1 in. x 18 in. x 4 ft. poplar S4S.....	7.92
16	ft. 4 in. x 12 in. x 4 ft. dry oak .....	1.28
1	10 ft. ladder .....	2.50
6	2 in. x 4 in. x 16 ft. finished oak sash rests.....	5.40
1	7/8 in. x 30 in. x 12 ft. oak latticed guard.....	8.00
1	2 in. x 3 in. x 16 ft. oak door trap.....	3.20
6	½ in. x 4 in. x 6 ft. pattern .....	6.00
1	4 in. x 6 in. x 8 ft. oak car post finished.....	3.50

498 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

Material in Lumber Shed.—Continued.

		Present Value.
24	1/2 in. x 3/4 in. x 4 ft. car window stops .....	\$ 1.20
1	piece 2 in. x 4 in. x 18 ft. hand stair railing.....	3.60
240	ft. 1/2 in. x 1/2 in. ash beading .....	7.20
40	ft. 2 in. x 2 in. picture moulding .....	3.20
9	1 in. x 1 1/2 in. x 8 ft. oak car roof columns.....	6.75
1	snow shovel .....	.40
3	18 in. x 10 ft. rattan upholstered car seats.....	45.00
2	36 in. x 48 in. oak windlass frame .....	24.00
6	ash folding camp chairs .....	4.50
12	16 in. x 10 in. frames .....	6.00
1	buffer pattern .....	1.00
16	oak dash railing .....	16.00
5	ventilator frames and glass .....	8.50
4	ft. 1/2 in. poplar S4S .....	.24
1	deck sign pattern, 1 in. x 13 in. x 28 in.....	.50
1	2 ft. x 5 ft. plain door, pine.....	2.00
5	ft. 1 in. poplar S4S .....	.30
1	oak gauge for sticker machine.....	10.00
1	2 in. x 2 in. x 12 ft. oak seat cap.....	.96
1	1 in. x 2 in. x 18 ft. straight edge .....	.50
8	ft. half round cherry crown moulding.....	.40
1	1 in. x 6 in. x 7 ft. cherry door casing.....	2.30
1	new cherry end frame upper deck of cars.....	3.50
2	seat panels .....	1.20
1	frame for sticking machine .....	5.00
11	ft. 1 in. poplar S4S .....	.66
1	buffer pattern for large cars .....	1.00
2	buffer patterns for small cars.....	2.00
2	13 in. x 4 ft.—2 panel poplar doors.....	2.50
1	18 in. x 4 ft. wood car seat .....	3.00
1	car roof pattern .....	2.00
1	carline .....	1.00
3	deck signs .....	3.75
1	saw gauge .....	1.00
20	10 ft. window stops, ash.....	.60
15	30 in. x 31 in. lattice frames and blinds.....	7.50
14	27 in. x 33 in. door sash .....	10.50
1	2 ft. x 4 ft. 6 in. car window frame, oak.....	1.50
2	panel formers .....	4.00
1	cherry top sash for Brill car .....	1.75
1	wind mill .....	5.00
1	large car buffer pattern .....	1.50
10	ft. 7/8 in. maple, grooved and tongued.....	.50
5	3 ft. 6 in. x 3 ft. 6 in. lumber rack.....	} 30.00
1	30 in. x 8 ft. x 16 in. lumber rack.....	
1	3 ft. x 8 ft. x 16 ft. lumber rack .....	
2	2 ft. x 4 ft. x 12 ft. lumber rack .....	
1	2 ft. x 5 ft. x 12 ft. lumber rack .....	}
1	panel former .....	
1	bench vise .....	
2	chair bottoms for folding chairs.....	
3	20 in. x 33 in. window screens .....	2.10
2	coal boxes for cars .....	.60
14	ft. 3/4 in. x 2 in. x 3 ft. poplar, grooved and tongued.....	.84
26	ft. No. 1 maple, dressed.....	1.95
3	rattan Brill car seat backs .....	10.50
19	Brill arm rests .....	4.94
2	14 in. x 15 in. cherry trap door .....	.80

Material in Lumber Shed.—Continued.

		Present Value.
15	8 in. x 16 in. deck frames and glass.....	\$ 18.75
1	G. E. lightning arrester .....	3.25
4	Brill seat frames .....	20.00
2	1 in. hooks for blocks.....	.30
1	car folding gate .....	2.00
3	Brill door guides .....	.60
1	Brill car hand brake .....	1.25
1	whistle valve for Brill car.....	1.25
2	24 in. reels .....	2.00
1	14 in. foot gong .....	1.50
12	brass thimbles for Brill car.....	3.60
1	controller base .....	.50
1	brass Brill car door sheave.....	.40
2	door roller and base Brill car.....	4.00
38	brass window guides Brill car .....	26.60
10	lb. scrap brass .....	1.10
2	8 in. x 12 in. x 21 in. ash sign box.....	5.00
300	cherry window battens .....	30.00
4	iron roof steps, Brill car.....	.20
1	24 in. x 28 in. oak sink drip board.....	.64
1	3 ft. 6 in. table top.....	.78
5	6 in. patterns for posts.....	7.50
1	pick handle .....	.07
2	1½ in. x 10 in. x 4 ft. new oak step, Brill car.....	1.40
1	2 ft. x 3 ft. pine pattern for field.....	1.25
1	12 in. x 18 in. picture frame.....	.25
250	½ in. x ½ in. x 2 ft. new curtain guides.....	25.00
6	2 in. x 3 in. x 18 in. pattern for panels.....	3.00
2	Brill seat castings, No. 199.....	.60
11	iron sill plates .....	.55
8	cherry wood signs, "No Spitting".....	8.00
4	sweeper broom patterns .....	2.00
6	½ in. x 4 in. x 24 in. fibre.....	.60
3	¼ in. chains .....	.20
1	Pullman car step .....	2.50
3	transfer notices, frame and glass.....	.75
5	transom frames, no glass.....	4.00
1	Brill seat, iron frame.....	9.00
1	Pullman open car curtain and roller.....	1.50
3	Pullman box car curtains and rollers.....	4.50
1	1 in. x 12 in. x 8 ft. field pattern.....	1.50
1	carpenter's screw clamp .....	.80
2	brass grab handles .....	1.70
9	iron sign brackets .....	1.35
4	iron curtain guides .....	.24
1	sledge handle .....	.12
500	ft. leather belt cord.....	9.00
500	ft. V rubber for car windows.....	10.00
1	24 in. spool .....	.50
1	carpenter's wood clamp .....	.75
7	switch tongue patterns .....	7.00
11	2 in. x 12 in. x 18 in. ash trolley stand base, new.....	9.90
2	car buffer patterns .....	2.00
1	Brill car seat .....	5.00
2	Brill brass grab handles .....	5.00
2	13 in. x 4 ft. 2 in. panel poplar doors.....	2.00
3	15 in. x 33 in. window frames .....	4.50
2	galvanized iron sand boxes.....	3.50



# 500 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Material in Lumber Shed.—Continued.

		Present Value.
10	ft. tar paper.....	\$ .25
1	maple brush yoke for sprinkler.....	1.50
4	18 in. x 36 in. window frame glass.....	7.20
1	pattern for controller block.....	1.50
1	conductor's signal bell .....	1.20
1	iron router, 24 in. ....	1.00
2	wood Brill grab handles .....	.70
1	8 in. x 29 in. cherry door for end of car.....	2.00
2	register backs .....	.80
1	circular saw guard .....	.75
2	seat castings for Brill car.....	1.00
2	stove brackets for Pullman car.....	.70
2	brass trolley strap holders .....	.40
1	18 in. T gauge .....	.50
1	pattern for splicing sills.....	1.00
1	18 in. circular cross cut saw.....	3.75
1	rail saw attachment .....	3.00
1	car gate frame .....	5.50
1	field tester .....	2.00
1	pattern for snow plow shears.....	1.50
2	16 in. x 20 in. wood seat frames.....	4.00
26	½ in. x ½ in. x 24 in. new curtain guides.....	2.60
1	open car seat back and fixtures.....	8.00
1	self regulating car ventilator .....	5.00
1	34 in. x 36 in. folding card table .....	.75
1	12 in. x 22 in. carpenter hand tool box .....	.25
1	buffer for small open car.....	1.80
1	carpenter clamp .....	1.00
1	Brill car wood seat frame, 16 in. x 33 in. ....	2.00
1	pattern for self regulating signs .....	3.00
1	pattern for hooks .....	2.00
1	pattern for small car buffer .....	1.50
1	pattern for platform .....	.75
4	small garland patterns .....	2.00
1	bundle strip .....	.50
1	transom pattern .....	1.00
1	upper deck pattern .....	2.00
1	10 in. x 10 in. canvas curtain and roller.....	5.00
4	car post patterns .....	6.00
1	car roof pattern .....	.50
3	vestibule platform patterns .....	6.00
1	buffer pattern for small car.....	1.00
1	snow plow lever pattern .....	.75
3	snow shovel wood long handles.....	1.50
14	ft. drop siding .....	.42
2	2 in. oak buffer patterns.....	5.00
6	1 in. x 14 in. x 38 in. glass.....	12.60
1	panel former .....	1.50
18	ft. 1 in. maple, S4S.....	1.44
2,000	pieces window strips, slots, etc., 4 in. long.....	60.00
3,200	ft. assorted lumber .....	96.00
1	4 in. round turnstile post, 30 in. long.....	1.00
1	carpenter's wood clamp .....	1.00
Total.....		<b>\$2,250.51</b>

**TOOLS AND SUPPLIES IN CAR SHOPS.**

	Present Value.
17 oil headlights .....	\$ 153.00
75 sleet cutters .....	50.00
Total.....	<b>\$ 203.00</b>

**TOOLS AND SUPPLIES IN ROLLING STOCK.**

**Sweeper No. 1.**

	Present Value.
1 shovel .....	\$ .63
2 scoops .....	1.14
4 brooms .....	.92
2 25 lb. wrecking frogs.....	5.00
3 crow bars .....	3.30
3 hooks .....	1.35
3 picks .....	1.50
12 ft. wire cable, $\frac{3}{8}$ in. diameter.....	.60
1 $\frac{3}{4}$ in. turnbuckle .....	1.25
2 fire shovels .....	.30
1 extra trolley rope .....	.35
1 extra switch hook.....	.50

**Sweeper No. 2.**

2 shovels .....	1.26
1 scoop .....	.57
1 broom .....	.23
1 25 lb. wrecking frog.....	2.50
1 draw bar .....	3.50
2 crow bars .....	2.20
4 hooks .....	2.00
1 $1\frac{1}{4}$ in. x 6 ft. rope sling.....	.78
2 picks .....	1.00
20 ft. $\frac{3}{8}$ in. cable, doubled.....	1.00

**Plow No. 4.**

1 shovel .....	.63
1 scoop .....	.57
1 broom .....	.23
3 10 in. jacks .....	90.00
3 crow bars .....	3.30
10 hooks .....	5.00
2 $\frac{1}{2}$ in. x 5 ft. chains.....	1.96
10 ft. $\frac{1}{4}$ in. chain.....	1.56
50 ft. new rope .....	6.50
5 bars .....	3.50
2 snow blades .....	80.00
3 picks .....	1.50
2 extra switch hooks .....	1.00

**Plow No. 5.**

2 scoops .....	1.14
1 broom .....	.23
2 25 lb. wrecking frogs.....	5.00
1 draw bar .....	3.25
3 crow bars .....	3.30
1 3 ft. pinch bar, 10 lb. ....	.80

# 502 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Plow No. 5.—Continued.

	Present Value.
3 hooks .....	\$ 1.50
2 picks .....	1.00
1 ½ in. x 2½ in. x 3 ft. bar.....	.70
2 special couplers .....	2.50
2 special 8 in. channels, 18 in. long.....	3.00

## Plow No. 6.

2 shovels .....	1.26
2 scoops .....	1.14
3 brooms .....	.69
1 25 lb. wrecking frog.....	2.50
1 draw bar .....	3.50
3 crow bars .....	3.30
5 hooks .....	2.50
1 1¼ in. x 6 ft. rope sling.....	.78
2 picks .....	1.00
2 extra trolley ropes .....	.70

## Wrecking Car.

1 21 in. monkey wrench.....	1.50
2 wagon wheels .....	10.00
1 10 in. monkey wrench.....	.50
1 hand axe .....	1.50
1 sleet cutter .....	1.50
3 stone jacks .....	45.00
4 crow bars .....	4.40
4 scoop shovels .....	2.28
1 No. 2 flat shovel .....	.45
1 14 lb. sledge hammer.....	1.12
1 small hammer .....	.25
2 picks .....	1.00
2 dolly trucks for broken axles.....	40.00
1 skid for broken axles.....	15.00
225 ft. 1 in. rope.....	29.25
2 pair pulley blocks, 6 in. ....	2.80
20 ft. ⅝ in. chain hook.....	5.94
37 ft. ½ in. chain hook.....	7.37
24 ft. ⅞ in. chain hook.....	12.40
8 ft. ¾ in. chain hook.....	3.77
9 ft. ½ in. chain hook.....	2.63
10 ft. wire cable, link.....	1.75
10 ft. 4 in. pipe.....	1.00
14 ft. ⅝ in. pipe.....	.75
8 pieces pipe, 2 in. x 2½ in. ....	.70
4 pieces pipe, ½ in. ....	.40
10 wrought iron plates .....	2.50
3 planks, 5 in. x 12 in. x 3 in. ....	2.70
50 short blocks .....	5.00
2 25 lb. wrecking frogs.....	5.00

## Work Car.

2 brooms .....	.46
2 shovels .....	1.26
2 picks .....	1.00
2 crow bars .....	2.20
2 25 lb. wrecking frogs.....	5.00
2 draw bars .....	7.00

Total.....\$ 492.80

TOOLS AND SUPPLIES IN OIL HOUSE.

		Present Value.
57	lantern frames .....	\$ 23.75
48	red lantern globes .....	8.16
241	electric headlight carbons .....	5.42
62	electric headlight globes .....	6.46
2	5 gal. oil cans.....	1.00
1	2 gal. oil can.....	.50
6	1 gal. oil cans.....	1.80
1	3 gal. oil can.....	.50
4	gal. signal oil .....	1.60
3	gal. coal oil .....	.27
1/2	lb. white rags .....	.04
1	red flag .....	.50
2	padlocks .....	.48
1	cupboard .....	2.00
1	bushel basket .....	.40
2	motorman's stools .....	2.00
2	electric headlight reflectors .....	7.00
1	fire bucket .....	.25
1	5 light electric cluster.....	4.00
5	incandescent lamps .....	.80
1	headlight testing rheostat .....	3.00
2	oil funnels .....	.80
1	coal bucket .....	.40
1	No. 12 volcano stove, complete.....	6.75
4	lengths 5 in. stove pipe.....	.40
1	4 in. damper .....	.25
1	sheet galvanized iron, 3 ft. x 3 ft., No. 22.....	.60
1	ash pan .....	.46
1	bench, 2 ft. 10 in. x 10 ft. long.....	6.00
1	horse, 3 ft. long, oak.....	2.90
1	bench, 24 in. x 13 in., 3/4 pine.....	1.50
150	1 in. x 12 in. shelving for headlights.....	37.50
1	No. 2 shovel .....	.45
1	12 in. flat bastard file.....	.10
1	16 in. flat bastard file.....	.12
1	15 in. round file.....	.18
70	3 in. x 12 in. glass for headlights.....	7.00
1	corn broom .....	.20
1	1 1/2 in. x 4 ft. gas pipe.....	1.08

Total .....\$ 135.42

Grand total for tools and supplies.....\$25,059.12

TOOLS AND SUPPLIES IN TERMINAL STATION.

		Present Value.
7	bars Ivory soap .....	\$ .35
1	quire No. 2 sandpaper.....	.30
13	18 in. x 54 in. linen towels.....	5.20
7	lb. paraffine wax.....	1.70
15	rolls toilet paper .....	1.20
20	lb. soap .....	1.00
7	cotton floor mops .....	1.05
4	cotton mops with handles.....	.88
2	boxes gold dust .....	.10
20	16 c. p. lamps .....	4.40
8	cans lye .....	.64

## 504 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

### Tools and Supplies in Terminal Station.—Continued.

	Present Value.
1 cake Sapolio .....	\$ .05
3 rolls toilet paper .....	.15
48 tons smokeless coal .....	196.80
4 trolley poles .....	5.00
1 bag Portland cement .....	.60
5 lb. red rubber for gaskets.....	1.00
5 gal. cylinder oil .....	2.75
7 gal. machine oil .....	2.80
25 lb. journal grease .....	3.75
5 lb. cotton waste .....	.40
20 lb. Eureka packing .....	5.60
50 ¾ in. x 4 in. hard rubber pump valves.....	9.00
75 fire brick .....	1.50
1 yd. red rubber for gaskets.....	3.00
200 ft. No. 6 D. R. C. flex strand copper wire.....	8.00
50 ⅞ in. circular loom.....	5.00
Total.....	<u>\$ 262.22</u>

### TOOLS AND SUPPLIES IN MISCELLANEOUS WAITING ROOMS.

#### 75th St. and Cottage Grove Ave.

	Present Value.
1 trolley pole holder, 3 poles each.....	\$ 3.75
1 headlight in telephone booth.....	15.00
25 lb. Hanna's solid oil.....	3.75

#### 103rd St. and Michigan Ave.

1 trolley pole holder, 3 poles.....	3.75
1 headlight in telephone booth.....	15.00
15 lb. Hanna's solid oil.....	2.25

#### 120th St. and Halsted St.

3 trolley poles in holder.....	3.75
1 headlight in telephone booth.....	15.00
15 lb. Hanna's solid oil.....	2.25

#### 104th St. and Cottage Grove Ave.

15 lb. Hanna's solid oil.....	2.25
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#### 93rd St. and Erie Ave.

1 trolley pole holder, 3 poles.....	3.75
1 headlight in telephone booth.....	15.00
15 lb. Hanna's solid oil.....	2.25

#### 93rd St. and Stony Island Ave.

1 trolley pole holder, 3 poles.....	3.75
1 headlight in telephone booth.....	15.00
15 lb. Hanna's solid oil.....	2.25

Total ..... \$ 108.75

Grand total for tools and supplies in terminal stations and  
waiting rooms ..... \$ 370.97

**SUPPLIES IN OFFICE BUILDING.**

**Claim Agent's Office.**

		<b>Present Value.</b>
2,000	claim department statement blanks.....\$	4.00
1,000	release blanks .....	3.38
1,000	Y. & E. address cards.....	5.75
1,000	Y. & E. address cards.....	5.75
1,000	Y. & E. address cards.....	5.75
100	employee accident cards.....	.75
500	inquiry accident blanks.....	1.13
200	surgeon report blanks .....	3.40

**In Vault, 2d Floor.**

1	box containing pictures of different scenes of accidents, 10 in. x 18 in. ....	125.00
500	complimentary pass books .....	10.00

**Superintendent of Transportation Office.**

500	6½ in. manila envelopes.....	.40
500	10 in. manila envelopes.....	.68
100	student sheet blanks .....	1.00
100	inspector's report blanks .....	.50

**Store Room, 2d Floor.**

277	bunches of transfers, 2,770,000.....	623.25
900	register statements .....	4.27
10,000	trip sheets .....	26.00
4,500	connection cards .....	9.00
7,800	time slips .....	4.53
8,500	motor reports .....	13.39
9,500	witness cards .....	8.08
11,000	time slips .....	5.50
230	accident reports .....	1.73
450	box envelopes for transfers.....	.25
1,000	rule books .....	110.00
4,500	6 in. x ¾ in. yellow envelopes.....	5.85
5,000	No. 10 yellow envelopes.....	10.40
500	No. 6¾ white envelopes.....	.65
2,000	No. 10 white envelopes.....	4.16
1,500	trip sheets .....	3.90
7,500	addressed envelopes, No. 6.....	.94
2,700	addressed envelopes, No. 10.....	5.13
110	punches .....	130.63

**Stenographer's Office.**

2,000	brass paper fasteners .....	4.00
14	boxes miscellaneous paper.....	21.00
5	boxes typewriter paper .....	8.00
1	ball string .....	.05
1	doz. stenographer's note books.....	.50
1,000	blank sheets for requisitions.....	3.00
125	sheets 17 in. x 26 in. U. S. linen .....	1.25
25	sheets 17 in. x 26 in. carbon paper .....	4.50
5,000	large letter heads .....	11.25
5,000	small letter heads .....	11.25
600	large bill heads .....	1.50
1,000	small bill heads .....	3.75
100	legal covers .....	.31

# 506 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Stenographer's Office.—Continued.

		Present Value.
2,500	charge and credit slips.....\$	3.75
1,500	requisition blanks .....	.75
50	yellow pass books .....	1.13
200	P. H. daily report sheets.....	2.94
500	conductor and motorman application blanks.....	16.50
500	bad order car reports.....	3.75
500	conductor and motorman notification blanks.....	2.00
144	thumb tacks .....	.70
5	doz. lead pencils.....	2.50
1	lb. bank pins .....	.55
10	blank books .....	1.00
3	boxes carbon paper .....	9.00
24	rubber stamps .....	4.80
25	large manila envelopes, No. 10.....	.04
150	white envelopes, No. 6.....	.16
250	cashier reports blanks .....	1.50

## General Manager's Office.

500	inspector's blanks .....	5.00
1,000	inspector's time cards .....	4.50
1,000	inspector's reports .....	5.00
500	inspector's blanks .....	1.50
6¾	lb. babbitt metal .....	2.36

## General Office.

500	envelopes, No. 10.....	1.04
250	envelopes, No. 6 .....	.33
	stationery and sundries.....	5.00
500	paper fasteners .....	.80
2	time books, new.....	1.00
2,000	storehouse requisition blanks .....	1.00
200	shop order blanks.....	1.20
5	lb. scratch paper .....	.25
1,000	Challenge eyelets .....	2.50
100	100 amp. fuses .....	2.00
200	conductor's money bags .....	20.00
100	pieces chalk .....	.18

## Cashier's Office.

150	canvas money bags.....	15.00
25	38 cal. cartridges.....	.38
25	32 cal. cartridges.....	.25
2,000	comparative earnings sheets, 1907 and 1908.....	12.00
300	comparative earnings sheets, 1906 and 1907.....	4.50
1,500	bill straps .....	1.20
7,500	conductor's receipts for turn-in.....	10.00
3,500	conductor's shortage statement cards.....	10.00
1,000	manila envelopes, No. 10.....	1.35
10,700	coin wrappers .....	16.03
500	conductor and motorman address cards.....	2.88
3	sticks of sealing wax, 6 to lb. ....	.18
7,000	employees' time slips .....	4.03
250	material address cards .....	1.44
1,200	cashier daily report blanks.....	4.80
1,000	bulletins on railroad crossings.....	10.00

Cashier's Office—Continued.

		Present Value.
1,000	mileage sheets .....	\$ .43
6	monthly time books .....	1.50
1,000	address cards, shop and power house.....	5.75
200	time cards .....	.90
200	foreman's discharge orders .....	.50
3,000	shipping tags .....	6.75
12	letter copying books, new.....	12.00
6	candles .....	.12
4	document files .....	1.00
500	cashier's petty cash vouchers.....	4.00
147	conductor's badges .....	88.20
123	motorman's badges .....	73.80
172	punches .....	204.25
256	side numbers .....	64.00
109	telephone keys .....	27.25
4,000	coin wrappers .....	6.00
2,500	Snow time slips .....	4.38
1,000	coal weighing certificates.....	2.50
500	purchasing agent's requisition blanks.....	.25
250	account payable ledger sheets.....	2.75
400	requisition folders .....	1.20
15	receipt books .....	1.50
600	requisition blanks, green .....	.60
500	requisition blanks, storeroom .....	.25
100	trainmen call sheets.....	.41
500	manila envelopes .....	.40
3,000	coin envelopes, printed .....	1.50
12	rolls adding machine paper.....	1.15
1,200	pay sheets .....	6.90
500	witness cards .....	3.75
2,000	station cards .....	14.00
1,800	voucher blanks .....	7.20
300	register correcting cards .....	2.70
500	blanks trainmen signature to bulletins.....	12.50
600	car exchange cards .....	1.50
100	shop order sheets .....	.80
700	shop order blanks .....	4.20
6	lb. No. 11 rubber bands.....	12.00
500	employees' pass books .....	11.25
20,000	workmen's passes .....	10.00

In Vault (Down Stairs).

1,000	shop order journal sheets .....	12.00
2	shop order journal binders .....	5.50
100,000	cash tickets .....	20.00
500	account payable sheets.....	5.50
2	baseball bats .....	1.00
1	baseball bat .....	.15
500	inventory sheets .....	2.75
200	complimentary pass books .....	4.00
100	employee address cards, Y. & E. ....	.58
1,000	voucher checks (Pullman Bank).....	10.00
1,000	voucher checks (Royal Trust Bank).....	10.00

Total.....\$ 2,075.92



# 508 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Road Master's Office.

		Present Value.
1	lineman's test set .....	\$ 6.50
3	3 in. electric door bells.....	1.20
1	110 volt D. C. fan motor.....	16.00
3	visual line signals, in tool house, new.....	1.80
2	1000 ohm telephone magnets.....	10.00
2	transmitters .....	7.00
2	receivers .....	3.50
3	receiver shells .....	.75
4	induction coils .....	1.40
4	transmitter mouthpieces .....	.60
1	switchboard jack .....	.35
1	telephone ringer box .....	.50
1	50 ft. steel tape line.....	3.75
1	100 ft. steel tape line.....	12.75
1	100 ft. steel tape chain.....	7.20
7	steel tally pins .....	.70
1	Peter Hear transit and tripod box.....	215.00
1	18 in. Wye Peter Hear level tripod and box.....	130.00
1	extension level rod .....	16.00
2	8 ft. wood flag poles.....	9.00
1	32 in. x 44 in. blue printing frame.....	40.00
6	Verona goose neck claw bars.....	15.00
4	16 qt. galv. water pails.....	1.50
2	hand axes .....	2.06
3	adzes .....	3.60
8	10 lb. Verona spike maul.....	5.52
2	18 in. taps, 3 threads per inch.....	44.00
1	handle for taps .....	.75
1	pair 6 in. brass hinges.....	1.25
1	pair Japan spring door hinges, new.....	.25
1	15 in. Stillson wrench.....	.90
1	4 qt. tin pail, with cover.....	.30
1	copper hand torch .....	.80
1	tin hand torch .....	.60
2	sand blast helmets .....	5.00
15	in. ¼ in. rubber pressure hose.....	1.80
1	15 in. cast shelf bracket .....	.25
20	yd. 42 in. blue process paper.....	1.50
1	28 in. white flag.....	.12
1	12 in. steel chisel broom point.....	.43
1	36 in. x 42 in. drafting table.....	2.50
2	42 in. x 54 in. drafting table.....	3.00
2	36 in. trestles .....	1.80
1	44 in. x 72 in. Rand-McNally map.....	} 15.00
1	50 in. map roller and case.....	
3	13 in. x 16 in. picture frames and glass.....	.75
1	16 in. x 20 in. picture frame and glass.....	.30
1	16 in. x 35 in. picture frame and glass.....	1.00
9	3 in. x 12 in. x 12 in. cardboard letter files.....	2.25
1	12 in. x 20 in. x 45 in. wood pigeon hole case.....	4.50
1	12 in. x 30 in. x 70 in. wood pigeon hole case.....	15.00
1	11 drawer 36 in. x 46 in. x 76 in. cabinet file.....	50.00
1	32 in. x 44 in. x 60 in. roll top desk, oak.....	35.00
1	double glass ink well.....	.25
5	1½ in. twist drill bits.....	5.90
6	1½ in. twist drill bits.....	4.86
14	¾ in. twist drill bits.....	10.08

Road Master's Office—Continued.

		Present Value.
3	$\frac{1}{8}$ in. twist drill bits.....\$	1.86
1	name rubber stamp.....	.25
1	rubber stamp pad .....	.15
46	track and linemen's badges.....	9.20
1	pair 12 in. shears, nickel plated.....	1.50
1	mouthpiece and head speaking tube.....	1.00
21	4 in. x 4 in. x 12 in. cardboard desk file boxes.....	2.52
8	3 in. x 4 in. x 9 in. cardboard desk file boxes.....	.80
8	2 in. x 9 in. x 11 in. cardboard desk file boxes.....	.96
1	32 in. paper rack .....	1.50
1	28 in. x 42 in. covered top table .....	3.00
1	11 in. x 36 in. T square .....	1.00
1	16 in. x 36 in. T square .....	1.00
1	feather duster .....	.17
3	10 in. x 12 in. letter books.....	6.00
12	$4\frac{1}{2}$ in. x $7\frac{1}{2}$ in. field books.....	6.00
1	3 in. x 9 in. x 12 in. board file box.....	.12
3	common wood chairs .....	3.75
1	spring back swing arm chair.....	4.50
10	$6\frac{1}{2}$ in. x $9\frac{1}{2}$ in. time books.....	2.50
9	$4\frac{1}{2}$ in. x $7\frac{1}{2}$ in. time books.....	1.80
10	4 in. x 7 in. time books.....	1.50
1	$2\frac{1}{2}$ in. x 30 in. x 42 in. zinc blue print wash pan.....	4.50
1	18 in. x 30 in. iron sink.....	5.00
1	brass faucet .....	.75
3	brass valves for Watson Stillman rail bender.....	2.25
1	set leather packing for same.....	1.00
1	eight bottle ink stand.....	1.50
400	$3\frac{1}{2}$ in. x 6 in. white envelopes.....	.42
23	yd. 44 in. drawing paper.....	1.84
1	28 in. x 40 in. red felt.....	1.10
4	lb. asbestos packing .....	1.20
1	12 in. flat engineer's scale .....	1.25
1	10 in. porcelain cuspidor .....	.75
1	Shaw non-arcing lightning arrester.....	2.75
1	15 in. glass cluster shade.....	.30
1	brass overhead unbroken main line trolley switch.....	15.00
400	lb. rail samples and fasteners.....	4.00
60	lb. sample copper wire, all sizes.....	10.80
5	wood strains .....	1.10
9	hangers .....	4.05
1	white metal overhead switch pattern.....	7.00
1	globe strain insulator.....	.45
1	Brooklyn strain insulator.....	.60
2	double pull offs, iron.....	.34
5	saddle glass insulators.....	.25
1	six pigeonhole drop letter box.....	.50
1	4 in. x 4 in. steel engraving.....	1.50
21	brass padlock keys.....	1.05
6	penholders .....	.60
6	steel pens .....	.06
1	small rubber stamp.....	.25
2	blocks requisition paper.....	.30
2	blocks foremen's orders .....	.20
6	sheets carbon paper .....	.05
6	bottles colored ink .....	1.50

# 510 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Road Master's Office—Continued.

		Present Value.
1	rattan waste basket .....	\$ .15
1	30 in. drafting stool, rattan seat.....	.80
1	pair lineman's rubber gloves.....	4.50
8	3 in. x 8 in. scratch pads .....	.40
1	2 in. x 10 in. x 14 in. letter wire basket.....	.30
2	earthen cuspidors .....	.60
105	ft. flexible duplex drop lamp cord.....	3.15
7	drop cord lamp sockets.....	1.26
1	brass desk lamp, swing bracket on lamp.....	2.00
1	brass plumb bob, screw cap.....	2.75

## Line Tool House.

2	pairs 36 in. easy bolt cutters.....	8.00
2	1½ lb. machinist hammers.....	.96
2	12 in. Stillson wrenches.....	1.80
2	15 in. monkey wrenches .....	1.80
12	trolley wire clamps .....	1.74
1	5 in. bit hand axe.....	1.13
1	ratchet brass .....	2.42
1	⅝ in.—15 in. bit .....	.60
3	¾ in.—15 in. bit ship auger .....	2.19
1	⅜ in.—12 in. bit ship auger .....	.57
1	12 in. extension bit .....	.90
2	8 in. cold chisels .....	.40
4	Haven clamps come alongs.....	10.80
1	brass telephone come along.....	2.80
4	pair 4 in. iron tackle blocks.....	3.48
2	pair 5 in. iron tackle blocks .....	3.20
3	pair 8 in. wood tackle blocks.....	7.11
1	pair 1½ in. iron tackle block.....	.45
1	12 in. snatch block, wood.....	1.34
43	lb. ½ in. manila rope.....	4.73
40	lb. ⅝ in. manila rope.....	4.40
37	lb. ⅞ in. manila rope.....	4.07
1	lb. ⅜ in. manila rope.....	.11
210	lb. 1 in. manila rope.....	23.10
2	gasoline hand blow torches.....	7.40
11	8 ft. digging spoons .....	14.52
9	8 ft. digging shovels .....	4.50
6	5 ft. shovels .....	7.98
1	6 ft. cross cut saw .....	2.80
2	30 in. hand cross cut saw.....	2.24
5	pair pole carrying hooks.....	7.00
3	16 ft. pike poles .....	2.70
1	8 ft. jimmy.....	5.00
1	5 in. solder pot .....	.70
3	12 in. draw knives .....	2.10
1	2 in. wood chisel.....	.50
1	breast drill .....	2.42
6	8 ft. steel digging bars.....	7.80
1	takeup reel .....	15.00
1	large feed wire reel.....	12.00
2	8 ft. tamping bars .....	4.00
1	12 in. post augur .....	2.80
1	12 in. gas tongs .....	.70

Line Tool House—Continued.

		Present Value.
1	36 in. Johnson bar .....	\$ 10.00
1	2 in. x 8 in. header steel.....	.50
15	ft. $\frac{5}{8}$ in. feeder chain.....	3.15
1	8 ft. step ladder.....	.70
1	Trenton tower wagon .....	300.00
1	Calumet tower wagon .....	425.00
2	4 in. x 4 in. oak standard reel supports.....	4.50
31	iron cross arm pins.....	3.72
11	locust cross arm pins.....	.15
6	wood side pole brackets.....	.07
18	24 in. cross arm braces.....	1.08
30	brass feed wire terminals.....	12.00
85	triple petticoat feed wire glass insulators.....	3.61
9	transposition glass .....	.51
7	pony glass insulators .....	.17
300	ft. $\frac{1}{8}$ in. steel flexible cable.....	11.25
4	mica feed insulators .....	3.20
10	gal. machine oil .....	1.80
8	1 in. x 4 in. glass bushings.....	.56
1	12 in. babbitt pot .....	1.50
17	wood feeder protectors .....	8.50
8	1 qt. glass battery jars.....	1.20
3	insulated cross overs complete .....	15.30
1	insulated cross over complete, double.....	6.00
7	circuit breakers .....	17.50
4	circuit breaker fibres .....	1.00
1	circuit breaker terminal .....	.85
1	iron pole scraper .....	.50
2	bottles soldering salts .....	.08
3	brass cross over centers.....	3.60
2	brass circuit breaker lugs.....	.52
6	3 ampere no arc fuses.....	1.14
6	12 ampere no arc fuses.....	1.14
5	25 ampere no arc fuses.....	.95
3	$\frac{5}{8}$ in. x 3 in. machine bolts.....	.06
4	lb. 60d nails.....	.09
3	lb. $\frac{1}{2}$ in. cut washers .....	.13
1½	lb. $\frac{5}{8}$ in. cut washers .....	.06
3	lb. $\frac{3}{4}$ in. cut washers .....	.11
50	lb. $\frac{3}{4}$ in. No. 10 wood screws.....	.03
10	lb. $\frac{5}{8}$ in. nuts .....	.52
7	$\frac{7}{8}$ in. $\frac{1}{4}$ in. stove bolts .....	.06
6	$\frac{5}{8}$ in. x $1\frac{7}{8}$ in. square head cap screws.....	.16
6	$1\frac{1}{2}$ in. x $\frac{3}{4}$ in. machine bolts .....	.03
50	Dutchmen for splicing ears.....	.20
7	$\frac{5}{8}$ in. x $2\frac{1}{2}$ in. brass feed studs.....	2.10
27	$4\frac{1}{2}$ in. No. 12 telephone sleeves.....	.47
80	2 in. No. 14 wood screws.....	.14
13	6 ampere fuse plugs.....	1.56
8	$\frac{3}{4}$ in. x 5 in. carriage bolts.....	.05
52	telephone test clamps .....	13.00
2	$\frac{5}{8}$ in. Crosby clips.....	.40
2	two-way wire connectors .....	.11
7	3 in porcelain wall cleats.....	.11
26	$1\frac{1}{2}$ in. porcelain knobs.....	.14
16	wall sockets .....	2.88

# 512 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Line Tool House—Continued.

		Present Value.
1	extension light plug .....	\$ .12
5	2½ in. x ½ in. hook bolts for subway trough.....	1.00
12	Calumet wood insulator hangers.....	5.40
61	wood insulator hangers .....	27.45
17	4 in. wood screws.....	.15
2	mica insulator hangers .....	.90
24	Calumet hanger caps, iron.....	1.92
36	G. E. feeder insulator irons.....	9.00
10	barn hangers without studs.....	2.20
12	clamps for tee iron pole brackets.....	1.20
2	iron feeder clamps .....	.40
36	Calumet hanger insulators, wood.....	16.20
25	Calumet hanger insulator caps.....	2.00
25	⅝ in. x 3 in. machine bolts.....	.50
2	insulated cross over terminals.....	1.40
2	right hand overhead switches.....	5.00
2	left hand overhead switches.....	5.00
1	insulated cross over pan.....	1.50
68	lightning arresters straps for boxes, iron.....	6.80
6	7 in. x ½ in. lag screws.....	.10
12	3 in. x ½ in. lag screws.....	.13
25	⅝ in. x 2½ in. machine bolts.....	.47
1	small soldering iron .....	2.30
2	bars solder .....	.44
1	17 in. x 10 in. salamander.....	8.00
10	lb. No. 16 paraffin covered bell wire.....	3.20
1	motorman's tool bag .....	.75
1	double pole knife switch, 25 amp. ....	1.00
2	corn brooms .....	.46
1	iron vise .....	22.50
6,500	ft. ⅜ in. galvanized strand span wire.....	73.06
300	ft. ⅜ in. flexible steel cable.....	11.25
260	lb. replacing No. 0 trolley wire.....	46.80
400	ft. ⅝ in. galvanized strand wire.....	8.00
30	lb. No. 0 trolley wire.....	5.70
227	lb. No. 12 copper telephone wire, bare.....	43.13
35	15 in. line ears .....	16.10
9	15 in. splicing sleeves .....	3.60
10	mica insulated globe hangers.....	4.00
3	17 in. splicing ears.....	2.10
15	double pull-offs .....	2.55
23	single pull-offs .....	1.93
42	wood strains .....	8.82
3	lb. roll tape, 1¾ in. ....	.69
1	glass cluster shade .....	.25
11	12 in. x ⅝ in. galv. eye-bolts .....	.80
7	24 in. x ⅝ in. bolts for subway troughs.....	2.80
6	⅝ in. x 15 in. machine bolts.....	.28
4	½ in. x 10 in. machine bolts.....	.09
2	⅝ in. x 12 in. machine bolts.....	.08
27	iron pole clamps for cross arms.....	8.10
5	iron pole bands for span wire.....	1.00
5	20 in. x ⅝ in. machine bolts .....	.45
1	½ in. x 9 in. machine bolts .....	.03
7	2 in. x ½ in. subway cross arm irons.....	2.45
6	9 in. x ½ in. machine bolts .....	.15

Line Tool House—Continued.

		Present Value.
2	8½ in. ½ in. pole steps .....	\$ .04
3	5 in. x ½ in. trough clamps, iron.....	.75
1	7 in. iron pole collar.....	.25
25	ft. 250000 C. M. lead covered armored copper cable.....	15.00
72	lb. 4-0 bare solid copper wire.....	12.13
200	lb. 4-0 W. P. solid copper wire.....	33.70
38	lb. 4-0 R. C. solid copper wire cable.....	14.18
435	lb. 350000 C. M. copper cable.....	74.39
775	3-0 Fig. 8 trolley wire.....	132.53
190	No. 6 W. P. solid copper wire.....	32.01
100	No. 4 W. P. solid copper wire.....	16.85
700	No. 0 W. P. solid copper wire.....	117.95
10	Hart snap switches, 10 amp. D. P. ....	7.20
16	10 pin cross arms.....	9.60
33	6 pin cross arms.....	10.89
6	4 pin cross arms.....	1.50
5	2 pin cross arms.....	1.00
60	30 ft. 7 in. cedar poles.....	312.00
16	35 ft. 7 in. cedar poles.....	141.60
4	30 ft., 5-6-7 iron poles, 736 lb. ....	103.04
6	25 ft., 4-5-6 iron poles, 470 lb. ....	105.78
1	30 ft. 3-4-5-6 iron pole, 550 lb.....	20.63
2	30 ft. lattice poles.....	70.00
30	2 pin iron pole tops.....	54.00
7	brass Yale locks .....	3.50
2	8 in. 50 ft. cedar poles, shaved and painted.....	36.00
2	8 in. 45 ft. cedar poles, shaved and painted.....	32.00
403	ft. 1 in. x 10 in. pine lumber S4S.....	20.15
144	ft. 1 in. x 12 in. x 16 ft. hemlock lumber.....	7.20
125	ft. 1 in. x 10 in. S4S pine lumber.....	6.25
1,688	lb. No. 0 solid copper trolley wire.....	284.43
2	large reels .....	20.00
342	ft. iron pipe lawn guard.....	85.50
1	shoe brush .....	.35
1	ticket punch .....	1.00
1	6 ft. straight edge.....	1.25

Horse Barn.

3,000	lb. No. 1 timothy hay.....	30.00
200	bu. shelled corn.....	160.00
405	bu. oats .....	234.90
2	sets double harness, complete.....	150.00
2	draft horses .....	600.00
2	draft horses .....	550.00
1	single harness .....	35.00
1	dump cart .....	5.00
4	fly nets .....	8.00
2	24 in. horse collars.....	5.00
25	ft. 5/8 in. log chains, 100 lb. ....	5.40
4	¾ in. clevis .....	.80
1	rattan barn broom.....	.40
2	corn brooms .....	.46
1	wheelbarrow, iron .....	13.50
4	wool horse blankets .....	8.00
2	canvas horse blankets .....	5.00
5	16 qt. galvanized iron pails.....	1.88

# 514 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Horse Barn—Continued.

		Present Value.
2	corn brushes .....	\$ .50
1	hair brush .....	2.50
2	curry combs .....	.70
1	wagon road grader, steel frame .....	200.00
1	wagon road grader, wood frame .....	125.00
3	2 horse scrapers .....	19.50
1	truck wagon .....	60.00
1	sprinkler wagon .....	35.00
1	2 horse plow .....	14.00
1	2 horse rooter .....	12.00
1½	bags Portland cement .....	.90
½	bag fire clay .....	.20
5	horse halters .....	6.25
50	ft. 1 in. wire wrapped rubber hose .....	9.00
1	platform scale, 2½ ft. x 3 ft. ....	60.00
1	feed box, 48 in. x 48 in. x 36 in. ....	6.50
1	wheelbarrow frame, wood .....	.75
2	20 lb. hitching weights .....	1.60
50	lb. bran .....	2.00
4	deer skin pads .....	5.00
1	box "None Such" brass polish .....	.25
1	garden hoe .....	.30
753	ft. 1½ in. hard pine planks .....	45.18
823	ft. 1 in. soft S2S boards (pine) .....	41.15
50	ft. 1 in. oak .....	3.50
560	ft. S2S soft pine boards .....	28.00
168	ft. S2S soft pine boards .....	8.40
8	¾ in. x 2½ in. x 6 ft. pole extensions, iron .....	31.20
96	ft. subway troughs .....	23.20
1	ash screen, 36 in. x 72 in. ....	2.10
4	4 ft. wagon wheels, 4 in. tires .....	12.00
60	lb. 1 in. rope .....	6.60
9	pair rubber hip boots .....	18.00
1	iron coke pot, 18 in. x 30 in. ....	4.70
1	wood hand hay rake .....	.25
3	wagon wrenches .....	.45
1	sponge .....	.08
5	lb. soft soap .....	.30
7	lb. flaxseed meal .....	1.05
7	Wanless condition powders .....	1.75
1	fire shovel .....	.05
1	stove poker .....	.05
1	stove lid lifter .....	.05
1	Brussels carpet, 10 ft. x 12 ft. ....	3.00
1	pair 8 in. scissors .....	.40
1	qt. bottle Never Fail Colic Cure .....	1.00
1	bar Sapolio .....	.10
3	10 gal. oil cans .....	3.00
1	qt. bottle Wanless liniment .....	1.00
1	pt. bottle S. B. Ketchel's Liniment .....	.50
1	6 oz. bottle turpentine .....	.10
1	qt. bottle Taber liniment .....	1.00
1	box harness soap .....	.50
1	gal. harness oil .....	1.50
2	pair 24 in. harness hames .....	2.00
30	lb. rock salt .....	1.20
5	heavv wood chairs .....	3.75

Horse Barn—Continued.

		Present Value.
1	wagon jack .....	\$ 3.00
1	25 lb. pail Frazer's axle grease.....	.75
1	4 tine hay fork.....	.50
1	coke fork .....	.88
3	No. 7 scoop shovels.....	1.69
1	No. 5 Ajax coal shovel.....	.53
2	hay hooks .....	.20
3	tug snaps for harness.....	.75
37	bales shavings .....	7.77
1	iron bed .....	4.00
1	iron bed spring .....	3.50
4	wool bed blankets .....	6.00
4	quilts .....	8.00
4	pillow cases .....	1.00
2	sheets .....	1.30
1	cotton top mattress.....	2.25
2	pillows .....	1.60
1	Vulcan stove No. 12.....	5.70
1	Clover stove No. 11.....	4.50
1	Clover stove No. 9.....	3.50
1	sheet iron stove No. 12.....	4.75
1	joint 6 in. stove pipe, with damper.....	.35
6	joints 6 in. stove pipe, with damper.....	1.50
2	6 in. elbows .....	1.10
1	single cot .....	1.75
1	4 ft. street roller, 4 ton.....	150.00
1	5 ft. street roller, 6 ton.....	200.00
3	clay picks .....	1.65
4	No. 2 Ajax shovels.....	1.92

Track, Tool House and Boxes.

3	36 in. x 42 in. x 84 in. tool boxes.....	63.00
1	26 in. x 26 in. x 48 in. tool box.....	6.00
1	30 in. x 36 in. x 72 in. tool box.....	15.00
5	brass padlocks .....	1.20
9	No. 2 Jenny track jacks.....	63.00
10	No. 2 Jenny track jacks, handle sockets.....	12.50
2	15 in. screw jacks.....	2.00
15	iron track gauges .....	13.50
1	iron tie plate gauge.....	.50
55	steel lining bars, mixed.....	74.80
54	steel tamping bars .....	27.00
26	10 lb. Verona spike mauls.....	13.00
46	Verona track chisels .....	18.40
6	8 in. cold chisels .....	1.80
4	8 in. cold chisels for shimming .....	1.60
54	24 in. diamond point Verona picks.....	29.70
46	No. 2 Ajax track shovels .....	20.70
16	No. 5 Ajax coal shovels .....	8.48
12	No. 8 Ajax coal shovels .....	6.60
12	No. 7 Ajax scoop shovels .....	6.75
9	No. 3 Packer hand ratchets.....	63.00
9	pair rail tongs .....	11.25
7	pair brick tongs .....	10.50
8	Verona goose neck claw bars.....	16.00
4	old men for drilling.....	6.00



# 516 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Track, Tool House and Boxes—Continued.

		Present Value.
9	12 in. hack saw frames.....\$	11.25
1	18 in. hack saw frame.....	1.50
8	adzes .....	4.00
1	hand axe .....	.60
6	red light hangers, $\frac{5}{8}$ in. iron.....	1.80
16	red lights .....	5.60
3	$\frac{3}{4}$ in. track punchers.....	1.20
6	track spirit level boards.....	18.00
1	24 in. track spiral level boards.....	1.20
4	slag rakes .....	2.00
4	coke forks .....	3.50
9	iron concrete rammers .....	6.30
4	rammers .....	12.00
1	6 lb. stone hammer.....	2.80
1	4 lb. paving hammer.....	2.45
1	15 lb. sledge hammer.....	.72
10	16 qt. sand pails.....	4.00
3	iron hoes .....	1.80
2	iron hoes, long handles.....	1.40
2	rattan hand brooms .....	.60
4	rattan push brooms .....	2.00
4	corn sweeping brooms .....	.92
1	Watson No. 4 10 in. rail bender and necessary tools....	345.00
1	girder rail bond compressor.....	28.00
5	10 in. monkey wrenches .....	4.50
12	1 in. track wrenches .....	7.20
12	$\frac{7}{8}$ in. track wrenches .....	6.60
1	$\frac{7}{8}$ in. SS wrench .....	.85
2	$1\frac{1}{8}$ in. track wrenches .....	2.00
6	$\frac{3}{4}$ in. track wrenches .....	3.00
1	$\frac{3}{4}$ in. double head track wrench.....	1.00
4	12 in. steel chisel broom points.....	2.00
18	$1\frac{1}{8}$ in. twist drill bits.....	21.24
9	$1\frac{1}{8}$ in. twist drill bits.....	9.00
5	1 in. twist drill bits.....	4.50
17	$\frac{7}{8}$ in. twist drill bits.....	12.24
3	$1\frac{1}{8}$ in. twist drill bits.....	1.88
32	$\frac{3}{4}$ in. twist drill bits.....	19.20
10	$\frac{1}{2}$ in. twist drill bits.....	4.80
2	50 ft. linen tape lines.....	1.00
2	$\frac{3}{8}$ in., 11 ft. log chains .....	3.96
2	$\frac{3}{8}$ in., 13 ft. log chains .....	4.32
1	$\frac{3}{8}$ in., 6 ft. log chain .....	1.40
1	$\frac{5}{8}$ in., 17 ft. wrecking chain .....	4.84
1	$\frac{5}{8}$ in., 15 ft. wrecking chain .....	4.62
1	$\frac{5}{8}$ in., 11 ft. wrecking chain .....	3.69
1	$\frac{5}{8}$ in., 9 ft. wrecking chain .....	3.25
1	6 ft. cross cut saw.....	1.20
2	24 in. circular cross cut saws.....	13.00
1	scythe snath and blade.....	2.00
1	scythe stone .....	.15
5	5 gal. wood covered tin oil cans.....	1.25
1	18 in. x 24 in. white flag.....	.30
1	sand dryer .....	45.00
1	pig iron breaker and foundation.....	125.00
1	18 in. half round file.....	.12

Track, Tool House and Boxes—Continued.

		Present Value.
1	6 ft. wood straight edge.....\$	.40
1	30 in. steel straight edge.....	.30
1	1½ in., 36 in. ship auger .....	2.80
50	ft. ditching cord .....	.50
2	roof painting push brushes, hair.....	.80
3	8 in. hair whitewash brushes.....	.75
2	dump car packing hooks.....	.30
2	8 mesh riddles, 20 in. ....	.80
1	6 ft. dump car push pole.....	.30
5	car replacers or slippers.....	10.00
6	⅞ in. solid offset links for dump cars.....	3.60
12	¾ in. 3 in. open links for dump car.....	3.60
1	spike puller .....	1.25
5	⅞ in. drift pins.....	1.25
3	5 in. head 6 ft. rail bender wrenches.....	15.75
6	12 in. iron ladles.....	31.20
12	galv. cooling pans, 4 in. x 6 in. x 24 in.....	49.20
4	cupola stopping bars, steel, ⅞ in. x 8 ft. ....	4.00
12	¾ in. x 10 ft. cupola tapping bars, steel.....	9.60
2	1½ in. x 10 ft. cupola dumping bars, steel.....	5.60
2	¾ in. x 12 ft. cupola steel tamping bars.....	2.00
4	1 gal. tin oil cans.....	1.60
2	machine oil cans, long neck.....	1.20
1	Fairbanks 1,000 lb. platform scale.....	26.00
2	⅞ in. x 8 ft. cupola cleaning hooks.....	2.00
36	4 in. 4-0 ¾ in. terminal rail bonds.....	14.40
6	4 in. 4-0 ⅞ in. terminal rail bonds.....	2.48
4	8 in. 4-0 ⅞ in. terminal rail bonds.....	2.40
6	36 in. 4-0 ⅞ in. terminal rail bonds.....	4.98
3	brass Yale padlocks .....	.72
1	42 in. x 48 in. x 46 in. sand box, wood .....	12.50
1	48 in. x 54 in. x 96 in. hard coal box, wood.....	25.00
1	24 in. x 24 in. x 36 in. oil box, wood .....	9.00
1	46 in. x 48 in. x 96 in. hard coal box, wood.....	24.00
1	46 in. x 42 in. x 86 in. hard coal box, wood.....	23.00
1	42 in. x 48 in. x 48 in. sand box, wood .....	13.50
1	24 in. x 24 in. x 36 in. oil box, wood.....	9.00
1	44 in. x 36 in. x 36 in. sand box, wood.....	10.00
1	21 in. x 36 in. x 48 in. sand box, wood.....	8.75
1	22 in. x 36 in. x 102 in. sand box, wood.....	14.20
1	36 in. x 44 in. x 36 in. sand box, wood.....	10.00
1	38 in. x 34 in. x 42 in. coal box, wood.....	10.00
76	6 in. x 48 in. cast steel top bars for cast welding rail joints with 12 in. screw, 3 threads per inch.....	1,216.00
126	cast steel 3 in. hooks for cast welding rail joints.....	396.90
78	pair cast iron molds for cast welding rail joints.....	343.20
42	shovels No. 2 and No. 4.....	21.42

Yard.

70	pair cast iron molds for welding rail joints.....	280.00
43	pair compromised cast iron molds for welding offset joints .....	258.00
73	¾ in. spring steel mold clamps.....	73.00
12	pieces 6 in. x 12 ft. cast iron water pipe.....	120.00
23	cast iron rockers for dump cars.....	99.36
23	cast iron dump rocker tracks.....	32.20

# 518 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Yard—Continued.

		Present Value.
2,150	building brick .....	\$ 13.98
8	carloads kindling wood for cars.....	45.00
4	cords rubble building stone.....	42.00
1,275	western paving brick.....	20.40
245	2 in. fire brick .....	7.35
45	assorted signs casting flasks.....	33.75
42	chilled cast iron track switch with chilled iron filler castings .....	360.00
47	dressed building stone .....	188.00
3,600	lb. cast iron snow plow weights.....	108.00
5,471	lb. cast iron top blocks for welding.....	164.13
41	19 in. x 21 in. tile wall coping.....	16.40
18	6 in. tile drain pipe.....	6.30
1	1½ in. x 38 in. x 60 in. marble slab.....	7.00
1	1½ in. x 18 in. x 22 in. marble slab.....	5.00
26	⅝ in. x 14 in. x 120 in. steel R. R. crossing plates.....	234.00
13	⅝ in. x 14 in. x 102 in. steel R. R. crossing plates.....	103.74
18	⅝ in. x 14 in. x 144 in. steel R. R. crossing plates.....	194.40
4	⅝ in. x 20 in. x 48 in. steel R. R. crossing plates.....	18.84
38	⅞ in. x 22 in. x 34 in. steel R. R. crossing plates.....	144.78
468	pair 26 in. 6 hole fish plates for 7 in. J-girder rail.....	575.64
2	portable cross overs, Lorain make, with extra connect- ing rails for 9 ft. 6 in. to 12 ft. 6 in. track centers..	784.00
2	portable cross overs, with extra connecting rails for 9 ft. 6 in. to 12 ft. 6 in. track centers.....	700.00
59	pair 26 in. 6 hole fish plates for 7 in. Penn. rail.....	72.57
16	pair 26 in. 6 hole fish plates for 6 in. Wharton G rail..	16.80
964	ft. 8 ft. solid 1 in. pointed yard fence.....	964.00
2	15 ft. solid yard gates and hinges.....	44.00
2	12 ft. solid yard gates and hinges.....	44.00
10	pair 36 in. 6 hole angle bars for 80 lb. T rail.....	18.50
24	pair 26 in. 4 hole angle bars for 80 lb. T rail.....	42.00
15	pair 26 in. 4 hole angle bars for 60 lb. T rail.....	24.75
36	51 in. steel crossing filler blocks.....	239.75
9	pair 18 in. 4 hole fish plates for 4 in. Wharton rail.....	9.00
75	pair 19 in. 4 hole fish plates for 45 lb. T rail.....	75.00
25	pair 26 in. 6 hole fish plates for 7 in. Cambria girder..	30.75
23	6 ft. 8004 crossing using rail bolts and guards.....	391.00
16	5 ft. 6 in. 8004 crossing using rail bolts and guards.....	272.00
10	3 ft. 6 in. 8004 crossing using rail bolts and guards....	150.00
9	8 ft. 8004 crossing using rail bolts and guards.....	171.00
70	6 hole extra heavy forged key irons for 8004 T rail crossings .....	346.50
2	90° 8004 T rail crossings.....	350.00
19	1¼ in. x 21 in. truss rods.....	129.20
8	dump car draw bars, extras.....	16.00
225	⅞ in. x 4½ in. track bolts.....	7.88
348	¾ in. x 3½ in. track bolts.....	11.66
274	6 in. rail Dutchman.....	164.40
42	⅞ in. x 12 in. machine bolts.....	3.36
18	⅞ in. x 10 in. machine bolts.....	1.20
5	⅞ in. x 6 in. machine bolts.....	.25
8	⅞ in. x 7 in. machine bolts.....	.45
20	⅞ in. x 3 in. machine bolts.....	.75
7	⅞ in. x 8 in. machine bolts.....	.44
96	1 in. x 3½ in. track bolts.....	3.22
10	⅝ in. x 3 in. track bolts.....	.30

Yard—Continued.

				Present Value.
10	5/8 in. x 3	in. machine bolts.....	\$	.30
3	3/4 in. x 10	in. machine bolts.....		.11
4	3/4 in. x 7	in. machine bolts.....		.15
11	3/4 in. x 8	in. machine bolts.....		.47
13	3/4 in. x 6	in. machine bolts.....		.48
7	3/4 in. x 5	in. machine bolts.....		.25
12	3/4 in. x 2 1/2	in. machine bolts.....		.31
7	3/4 in. x 3	in. machine bolts.....		.19
7	5/8 in. x 6	in. machine bolts.....		.13
14	5/8 in. x 2	in. machine bolts.....		.25
16	1 in. x 12	in. machine bolts.....		1.61
6	1 in. x 11	in. machine bolts.....		.54
2	1 in. x 10	in. machine bolts.....		.20
20	1 1/8 in. x 11	in. machine bolts.....		3.02
100	lb. 7/8 in. x 5 1/2 in.	track spikes.....		2.80
1	bag	Portland cement .....		.60
180	7/8 in.	lock washers.....		1.26
191	3/4 in.	lock washers.....		12.89
36	1 in.	lock washers.....		.26
31	52 gal.	oil barrels used for salt.....		37.20
34	salt barrel	covers .....		10.20
3	16 qt.	galvanized pails .....		1.50
1	16 qt.	wood pail and mop wringer.....		1.75
4	mops .....			.67
2	mop handles .....			.13
2	window sponges .....			.17
1	floor scraper .....			.27
3	hair floor brushes.....			6.81
3	house brooms .....			.69
1	hair window brush .....			.60
1	10 ft. x 20 ft.	U. S. flag.....		25.00
1	22 in.	lawn mower.....		14.70
2	iron lawn rakes .....			1.10
1	hand sickle .....			.30
1	pair 12 in.	sheep shears.....		.60
100	ft. 3/4 in.	rubber garden hose.....		15.00
5	3/4 in.	brass garden hose connections.....		.45
1	3/4 in.	brass nozzle .....		.30
1	24 in.	steel portable garden hose reel.....		1.50
81	replacing 6 in. x 8 in. x 8 in.	oak cross ties.....		48.60
376	replacing 7 ft.	cedar cross ties.....		150.40
35	7 in. top 30 ft.	cedar poles.....		175.00
1	5 in. x 6 in. x 7 in.	galv. iron ash receiver and screen..		68.00
1	32 in. x 42 in. x 66 in.	portable galv. iron ash and coal box .....		22.00
1	60 ft.	flag pole, in front of office.....		43.00
35	tons	chestnut hard coal.....		280.00
202	tons	machinery scrap cast iron for welding.....		3,030.00
67	cubic yd.	Indiana bank sand.....		50.25
10	cubic yd.	torpedo sand.....		12.50
1	2 wheel	fire hand hose cart.....		25.00
300	ft.	fire hose .....		180.00
7	brass	fire hose connections.....		3.50
1	brass	fire hose nozzle.....		2.00
1	fireman's	ax .....		1.00
28	ft. 6 in. x 3 1/2 in.	leather belting.....		17.10

# 520 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Yard—Continued.

		Present Value.
1	Gleason & Bailey 5 in. pitcher pump.....	\$ 16.00
1	Gleason & Bailey pump handle .....	1.00
10	ft. 4 in. iron pipe.....	6.20
8	½ in. x 10 in. x 50 in. crossing plates, steel.....	18.72
54	8 in. 12 ft. cedar poles.....	75.60
17	8 in. 6 ft. cedar poles.....	17.00
1	48 in. x 102 in. window sash.....	2.00
1	3 ft. x 12 ft. trestle horse.....	2.00
2	3 ft. x 8 ft. trestle horses .....	5.20
1	20 ft. x 6 ft. trestle horse.....	2.00
1	12 ft. x 12 ft. trestle horse, 3 in. x 12 in. lumber.....	15.00
1	10 ft. x 13 ft. trestle horse, 3 in. x 12 in. lumber.....	12.00
6	33 in. x 6 ft. trestle horses, 2 in. x 6 in. lumber.....	7.50
864	ft. 12 in. x 12 in. pine timbers.....	34.56
434	cast iron spacing blocks.....	65.10
82	5 in. top 10 ft. cedar fence posts.....	14.40
13	bronze boxes for No. 2 Jenny Jack.....	3.25
77	lb. scrap brass .....	7.70
60	lb. scrap copper .....	10.80
16,437	lb. cast steel parts for mates .....	1,479.33
7,260	lb. cast steel parts for switches .....	653.40
1	7 in. 12 in. 6 in. spring switch, 80 ft. rod.....	152.00
3	replacing 12 in. 6 in. switches, 80 ft. rod.....	180.00
2	replacing 12 in. 6 in. mates, 80 ft. rod.....	100.00
3	replacing 12 in.—6in. switches, 80 ft. rod.....	180.00
4	replacing 10 ft. 6 in. switches, 60 ft. rod.....	360.00
2	7 in. 107 lb. rail, 7 ft. cast-in frogs.....	110.00
2	replacing 8004 rail cast-in frogs.....	80.00
2	replacing 6 in. 100 lb. G. G. built-up frogs.....	120.00
2	new 8 ft. 7 in. 100 lb. G. G. built-up frogs.....	180.00
2	19 in. 8004 rail switches, built up frogs.....	184.00
2	19 in. 8004 rail, mates, built up frogs.....	164.00
170	tons 6 in. 78 lb. relaying girder rail.....	5,270.00
4	tons 6 in. 75 lb. relaying Wharton girder rail.....	124.00
38	tons 4501 T rail.....	1,216.00
6½	tons 8004 T rail.....	182.00
10	tons 80 lb. relaying Penn. girder rail.....	310.00
27	tons 7 in. 85 lb. L. S. girder rail.....	1,107.00
14	tons 7 in. 107 lb. G. G. 200 ft. rod curves.....	1,274.00
9½	tons 7 in. 100 lb. G. G. Cambria rail.....	864.50
9½	tons 6 in. 100 lb. G. G. L. S. rail.....	864.50
1	ton 98 lb. No. 365 L. S. grooved rail.....	91.00
1½	tons ⅞ in. x 5 in. steel bar guard rail.....	42.00
1¾	tons ¾ in. x 4 in. steel bar guard rail.....	49.00
4½	tons 60 lb. per yd. guard rail.....	157.50
1,380	lb. cast iron bridge shoes.....	55.20
444	cubic yards cinders at power house.....	133.20
20	6 in. x 8 in. x 8 ft. sawed white oak ties.....	25.60
1	ton scrap rail.....	15.00
1	16 in. diamond steel cold chisel.....	.80
2	4 lb. hammers .....	.80
246	¼ in. x 2 in. x 2 in. steel rail shims.....	7.38
1	salamander .....	6.00
1	24 in. iron kettle.....	3.60
3	chain block horse, 24 in. x 84 in. ....	22.50
1	10 in. double sheave pulley block.....	1.80

Yard—Continued.

		Present Value.
2	iron breaker trips for hammer.....\$	9.00
2	10 ft. draw bars for flat cars.....	6.00
2	new journal brasses.....	3.20
1	3 gal. galv. sprinkling can.....	.30
22	10 gal. White Mfg. Co. hot blast heaters.....	165.65
13	bumping posts made of 12 in. x 12 in. pine.....	780.00
13	5 in. x 7 in. x 32 in. iron car bumpers.....	52.00
2	leather throws for track switch, iron box.....	50.00
2	9 in. tile elbows.....	.80
8	6 in. tile elbows.....	2.88
53	pieces 14 in. x 26 in. tile wall coping.....	31.80
6	165 lb. each new switch tongues.....	89.10
3	16 qt. galv. iron grease pails.....	1.20
40	lb. curve grease.....	1.00
1	pair ice tongs.....	.85
1	14 in. wire push broom.....	1.00
1	40 lb. grate for sand dryer.....	1.60
16	ft. 8 in. iron pipe for sand dryer.....	12.00
1	sand dryer shaker .....	.15
1	3/8 in. x 30 in. stove poker .....	.10
1	36 in. x 66 in. sand screen .....	2.25
23	12 in. switch raising tie plates.....	5.75
1	24 in. x 50 in. x 50 in. locker in horse barn.....	15.00
1,883	yd. granite paving blocks.....	3,671.85
16,351	7 in. rail braces.....	4,087.75
7,027	7 in. Penn. rail braces.....	1,897.29
60	tons chestnut hard coal.....	480.00
4	tons coke .....	20.00
18,240	ft. 3 in. x 12 in. x 16 ft. oak plank.....	547.20
2 1/2	tons track salt.....	12.50
52	cu. yd. limestone screening.....	65.00
87	cu. yd. slag.....	47.85
851	8 ft. hemlock cross ties.....	578.68
19	8 in. x 10 in. x 9 ft. white oak cross timbers.....	39.90
83	cu. yd. cinders .....	29.05
60	cu. yd. crushed stone .....	75.00
288	ft. 3 in. hemlock plank.....	8.64
9,800	ft. 2 1/2 in. yellow pine plank.....	343.00
65	tons smokeless coal .....	250.25
11	15 ft. cedar anchor stubs .....	28.60
62	cu. yd. Indiana bank sand—in house.....	46.50
9	tons pig iron No. 1 foundry .....	234.00
36	tons soft coal in various waiting rooms.....	84.60
6	tons chestnut hard coal—waiting room at 75th st. and Cottage Grove ave.....	48.00
2,800	hemlock 8 ft. replacing cross ties.....	1,120.00
1	hydrant wrench .....	10.00
1	wire rat trap .....	.75
3	7 ft. A ladders .....	10.50
1	bushel basket .....	.40
1	Jim Crow rail bender .....	45.00
1	Verona double yoke rail bender.....	110.00
1	wash basin—horse barn .....	.15
1	wire soap holder—horse barn .....	.10
1	18 in. x 24 in. x 40 in. brass top shoe polishing stand...	8.00
1	3/4 in. S hook wagon shed .....	.25

# 522 VALUATION—CALUMET ELECTRIC STREET RAILWAY.

## Yard—Continued.

		Present Value.
1	16 ft. extra wagon reach-wagon shed.....\$	2.50
1	4 horse double tree—wagon shed.....	3.50
1	extra single tree—wagon shed .....	1.00
2	extra wagon coal chains—wagon shed.....	.40
2	18 in. windlass cranks .....	1.00
2	52 gal. oak water barrels—wagon shed.....	2.40
1	1 in. x 26 in. x 48 in. tool box.....	12.00
1	30 ft. hoisting derrick .....	30.00
1	5 ft. x 10 ft. sheet iron concrete board.....	10.00
1	30 ft. T rail skid for unloading cars.....	28.00
1	24 in. x 16 in. iron cinder chute .....	12.00
2	5 gal. oil cans .....	1.00
72	1 in. x 12 in. machine bolts—new—tool house.....	7.26
36	1 in. x 10 in. machine bolts—new—tool house.....	3.65
576	ft. 3 in. oak plank .....	17.28
7	7 in. iron extensions for wood poles.....	38.50
93	cu. yd. stopping clay .....	116.25
1	tin record box .....	2.00
13	bags cement .....	7.80
1	16 in. x 34 in. x 78 in. locker in horse barn .....	10.00
		<hr/>
		\$54,738.70

**EXHIBIT IX.**  
**PAVING**





# EXHIBIT IX.

## PAVING.

### SUMMARY.

Pavement.	Ft. Double Track.	Miles D. T.	Sq. Yds.	Unit Price.	Cost New.	Present Value.
Macadam.....	104,994.4	19.885	196,291	\$0.75 + 15%	\$169,300.99	\$134,188.37
Granite.....	35,309.5	6.688	11,049	3.60 + 15%	45,742.86	39,851.84
Brick.....	9,400.0	1.781	18,563	2.30 + 15%	49,099.13	39,680.95
Slag.....	34,871.5	6.605	69,625	.75 + 15%	60,051.67	47,417.65
Cinders.....	5,808.5	1.10	13,119	.30 + 15%	4,526.06	2,724.58
Oak plank.....	260.0	.049	231	1.30 + 15%	345.34	241.74
Cedar block.....	15,641.0	2.962	29,857	1.10 + 15%	37,769.20	28,056.58
Asphalt.....	2,647.5	.501	4,707	2.00 + 15%	10,826.10	8,119.58
Open track.....	11,570.5	2.192	.....	...	.....	.....
Total.....	.....	41.763	343,442	...	\$377,661.35	\$300,281.39
Extra for special work.....	.....	35.152	.....	...	.....	.....
Plank and brick crosswalks.....	.....	.....	.....	...	25,173.46	20,324.25
Totals.....	.....	.....	.....	...	4,436.59	3,504.52
					<b>\$407,271.40</b>	<b>\$324,110.16</b>

For distances occurring twice in detailed paving sheet, deduct 6.611 miles of double track on the following streets: 120th St., Halsted St., Michigan Ave., Cottage Grove Ave., 66th St., 75th St., 91st St. and 103d St.

PAVING DATA.

Street.	From	To	Distance in ft. of Double Track.	Width of Paving in ft.	Pavement	No. of sq. yds.	Unit Price	% Dep.	Present Value per sq. yd.	Total Present Value.
Stony Island Av 63rd St.	63rd St.	64th St.	663	26.2	Granite	1,930	\$3.60	10	\$ 3.24	\$6,253.20
Stony Island Av 64th St.	64th St.	67th St.	1,991	10	Macadam	2,212	.75	30	.525	1,161.30
Stony Island Av 67th St.	67th St.	73rd St.	3,978	10	Macadam	4,420	.75	30	.525	2,320.50
Stony Island Av 73rd St.	73rd St.	79th St.	3,976	10	Cedar blk.	4,418	1.10	25	.825	3,644.85
Stony Island Av 79th St.	79th St.	92nd St.	8,643	26	Macadam	24,968	.75	25	.56	13,982.08
Stony Island Av 92nd St.	92nd St.	95th St.	1,993	20	Slag	4,430	.75	25	.56	2,480.80
104th St.	Pullman Drive.	Pullman Ave.	1,995	16	Macadam	3,547	.75	15	.64	2,270.08
Pullman Ave.	104th St.	107th St.	2,061	18	Slag	4,122	.75	15	.64	2,638.08
Pullman Ave.	107th St.	111th St.	2,740	16	Macadam	4,871	.75	15	.64	3,117.44
Pullman	Loop.		6,708	8	Macadam	5,963	.75	15	.64	3,816.32
115th St.	So. Park Ave.	Michigan Ave.	2,084	16	Brick	3,705	2.30	20	1.84	6,817.20
Morgan St.	119th St.	120th St.	587	8	Slag	527	.75	15	.64	337.39
120th St.	Morgan St.	Halsted St.	1,300	6	Macadam	867	.75	15	.64	554.88
120th St.	Morgan St.	Halsted St.	1,300	2	Granite	289	3.60	15	3.06	884.34
Halsted St.	121st St.	119th St.	1,330	16	Macadam	2,400	.75	15	.64	1,536.00
Halsted St.	121st St.	119th St.	1,350	2	Granite	300	3.60	10	3.24	972.00
119th St.	Morgan St.	Halsted St.	1,300	8	Macadam	1,155	.75	25	.56	646.80
119th St.	Halsted St.	Michigan Ave.	5,851	16	Macadam	10,401	.75	25	.56	5,824.56
Michigan Ave.	124th St.	119th St.	3,319.5	8	Macadam	2,951	.75	25	.56	1,652.56
Michigan Ave.	119th St.	109th St.	6,649.5	16	Brick	11,821	2.30	20	1.84	21,750.64
Michigan Ave.	109th St.	99th St. 200 ft.	6,871	16	Macadam	12,215	.75	25	.56	6,840.40
Michigan Ave.	109th St.	99th St. 200 ft.	6,871	2	Granite	1,527	3.60	15	3.06	4,672.62
95th St.	Michigan Ave.	Cottage Grove Av.	4,403	18	Slag	8,806	.75	25	.56	4,931.36
Cottage Grove Av 95th St.		75th St.	13,308.5	16	Macadam	23,659	.75	30	.525	12,420.97
Cottage Grove Av 95th St.		75th St.	13,308.5	2	Granite	2,957	3.60	15	3.06	9,048.42
Cottage Grove Av 75th St.		Alley N. of 72d St.	4,273	8	Cedar blk.	3,798	1.10	20	.88	3,342.24
Cottage Grove Av	Alley N. of S. Chgo. Ave.	72nd St.	520	4	Plank	231	1.30	30	.91	210.21

## PAVING DATA, Continued.

Street,	From	To	Distance in ft. of Double Track.	Width of Paving in ft.	Pavement.	No. of sq. yds.	Unit Price.	% Dep.	Present Value per sq. yd.	Total Present Value.
Cottage Grove Av	Alley N. of S. Chgo. Ave.	72nd St.	520	3	Cinders	173	\$ .30	25	\$ .225	\$ 38.92
Cottage Grove Av	Alley N. of S. Chgo. Ave.	72nd St.	520	2	Granite	116	3.60	15	3.06	354.96
So. Park Ave.	63rd St.	67th St.	2,647.5	16	Asphalt	4,707	2.00	25	1.50	7,060.50
66th St.	So. Park Ave.	St. Lawrence Ave.	1,313.5	16	Macadam	2,335	.75	15	.64	1,494.40
66th St.	So. Park Ave.	St. Lawrence Ave.	1,313.5	2	Granite	292	3.60	15	3.06	893.52
St. Lawrence Av	66th St.	69th St.	1,982	16	Cedar blk.	3,523	1.10	20	.88	3,100.24
St. Lawrence Av.	70th St.	75th St.	3,316.5	16	Cedar blk.	5,896	1.10	30	.77	4,539.92
75th St.	R. I. Subway	Vincennes Road	1,438	8	Macadam	1,278	.75	10	.675	862.65
75th St.	Vincennes Road	Cottage Grove Av	5,548.5	21	Cinders	12,946	.30	40	.18	2,330.28
75th St.	Cottage Grove Av	Stony Island Ave.	5,309.5	16	Macadam	9,439	.75	20	.60	5,663.40
75th St.	Cottage Grove Av	Stony Island Ave.	5,309.5	2	Granite	1,180	3.60	15	3.06	3,610.80
Noble Court	75th St.	S. Chgo. Ave.	300	9	Slag	300	.75	25	.56	168.00
So. Chicago Ave	Noble Ct.	79th St.	3,578.5	16	Macadam	6,362	.75	15	.64	4,071.68
So. Chicago Ave	79th St.	91st St.	11,271	16	Macadam	20,037	.75	15	.64	12,823.68
So. Chicago Ave	91st St.	92nd St.	950	16	Cedar blk.	1,689	1.10	35	.715	1,207.63
So. Chicago Ave	92nd St.	93rd St.	757	16	Macadam	1,346	.75	35	.49	659.54
So. Chicago Ave	93rd St.	95th St.	2,063.5	18	Slag	4,127	.75	30	.525	2,166.67
95th St.	So. Chicago Ave.	Avenue N.	1,880	18	Slag	3,760	.75	30	.525	1,974.00
Avenue N.	95th St.	98th St.	1,909	18	Slag	3,818	.75	25	.56	2,138.08
98th St.	Avenue N.	Avenue L.	660	16	Macadam	1,173	.75	25	.56	656.88
Avenue L.	98th St.	104th St.	4,138	16	Macadam	7,356	.75	15	.64	4,707.84
Avenue L.	104th St.	108th St.	2,650	17.5	Slag	5,154	.75	15	.64	3,298.68
108th St.	Avenue L.	State Line	3,269.5	17.5	Slag	6,357	.75	15	.64	4,068.71
73rd St.	Stony Island Ave.	R. R. Ave.	6,153	17.5	Slag	11,964	.75	15	.64	7,657.07
R. R. Ave.	73rd St.	78th St.	4,095	18	Macadam	8,190	.75	20	.60	4,914.00
78th St.	Railroad Ave.	Lake Ave.	1,455	18.5	Slag	2,991	.75	25	.56	1,674.96
Lake Ave.	78th St.	Cheltenham Pl.	840	18.5	Slag	1,727	.75	30	.525	906.67

PAVING DATA, Continued.

Street.	From	To	Distance in ft. of Double Track.	Width of Paving in ft.	Pavement.	No. of sq. yds.	Unit Price.	% Dep.	Present Value per sq. yd.	Total Present Value.
Cheltenham Pl	Lake Ave.....	Bond Ave.....	473	18.5	Slag	972	\$ .75	25	\$ .56	\$ 544.32
Bond Ave.....	Cheltenham Pl. . . . .	79th St.....	695	18.5	Macadam	1,429	.75	50	.375	535.87
67th St.....	St. Lawrence Ave	Cottage Grove Ave	1,304	16	Cedar blk.	2,318	1.10	30	.77	1,784.86
67th St.....	Cottage Grove Av	Stony Island Ave.	5,295.5	16	Macadam	9,414	.75	10	.675	6,354.45
103rd St. . . . .	Throop St. . . . .	Michigan Ave. . . .	9,481	6	Macadam	6,321	.75	15	.64	4,045.44
103rd St. . . . .	Throop St. . . . .	Michigan Ave. . . .	9,481	2	Granite...	2,107	3.60	10	3.24	6,826.68
93rd St. . . . .	Cottage Grove Ave	Drexel Ave.....	992	16	Macadam	1,764	.75	30	.525	926.10
93rd St. . . . .	Drexel Ave.....	N.Y.C.&St.L. Ry.	2,650	18	Slag	5,300	.75	20	.60	3,180.00
93rd St. . . . .	N.Y.C.&St.L.Ry..	Stony Island Ave.	1,948.5	18	Slag	3,897	.75	20	.60	2,338.20
93rd St.....	Stony Island Ave.	Colfax Ave.....	6,662	16	Macadam	11,843	.75	15	.64	7,579.52
93rd St.....	Colfax Ave.....	Exchange Ave....	1,886.5	16	Macadam	3,354	.75	15	.64	2,146.56
Exchange Ave..	93rd St.....	So. Chicago Ave. .	602	16	Macadam	1,070	.75	20	.60	642.00
93rd St.....	So. Chicago Ave.	Harbor Ave.....	1,708.5	16	Brick	3,037	2.30	15	1.955	5,937.33
Harbor Ave....	93rd St.....	Mackinaw Ave....	878	9	Slag	878	.75	30	.525	460.95
Mackinaw Ave..	Harbor Ave.....	89th St.....	1,997	8	Macadam	1,775	.75	20	.60	1,065.00
89th St.....	Mackinaw Ave. . . .	Strand Ave. . . . .	760	8	Macadam	676	.75	15	.64	432.64
91st St.....	Mackinaw Ave. . . .	Exchange Ave....	2,657	16	Cedar blk.	4,723	1.10	25	.825	3,896.47
91st St.....	Exchange Ave....	So. Chicago Ave. .	844	16	Macadam	1,500	.75	15	.64	960.00
91st St.....	Exchange Ave....	So. Chicago Ave. .	844	2	Granite.	351*	3.60	10	3.24	1,137.24
Erie Ave.....	So. Chicago Ave.	91st St.....	1,964	16	Cedar blk.	3,492	1.10	25	.825	2,880.90
Alley.....	71st St.....	Cottage Grove Ave.	480	9	Slag	480	.75	25	.56	268.80

Organization, engineering and incidentals, 15%..... \$261,114.25  
39,167.14

Total..... 238,847.5

\$300,281.39

\* Plus 164 sq. yds. granite in Street intersection at Exchange Ave.

PAVEMENT IN SPECIAL WORK.

SUMMARY.

Pavement	Pavement Displaced.	Unit Price Pavement.	Unit Price Pavement Displaced.	No. of Sq. Yds.	Difference in Unit Price.	% Dep.	Total Extra Value, New.	Total Extra Present Value.
Brick.....	Macadam.....	\$2.30-15%	\$ .75-15%	615	\$1.78	20	\$1,094.70	\$ 875.76
Brick.....	Cinders.....	2.30-15%	.30-15%	438	2.30	20	1,007.40	865.92
Brick.....	Asphalt.....	2.30-15%	2.00-15%	455	.345	20	156.97	125.58
Brick.....	Cedar blk.....	2.30-15%	1.10-15%	741	1.38	20	1,022.58	818.07
Granite blk.....	Macadam .....	3.60-15%	.75-15%	5,210	3.28	20	17,088.80	13,671.04
Granite blk.....	Cinders.....	3.60-15%	.30-15%	411	3.795	20	1,559.74	1,247.79
Granite blk.....	Asphalt.....	3.60-15%	2.00-15%	102	1.84	20	187.68	150.14
Granite blk.....	Cedar blk.....	3.60-15%	1.10-15%	63	2.875	20	181.13	144.90
Oak Plank.....	Macadam.....	1.30-15%	.75-15%	554	.63	20	349.02	279.22
Oak Plank.....	Cinders.....	1.30-15%	.30-15%	80	1.15	20	92.00	73.60
Cedar blk.....	Macadam.....	1.10-15%	.75-15%	444	.40	20	177.60	142.08
Cedar blk.....	Cinders.....	1.10-15%	.30-15%	436	.92	20	401.12	320.90
Granite.....	Extra.....	3.60-15%	.....	448	4.14	10	1,854.72	1,669.25
Totals.....	.....	.....	.....	9,997	.....	.....	\$25,173.46	\$20,324.25

PAVEMENT IN SPECIAL WORK.

Location.	Description Special Work	Pavement.	Pavement Displaced.	No. sq. Yds.	Unit Price Difference + 15%	Total Extra Cost.
So. Chicago Ave., 79th St.	Branch off.	Granite.	Macadam.	289	\$3.28	\$ 947.92
So. Chicago Ave., 79th St.	Cross over	Granite.	Macadam.	146	3.28	478.88
So Chicago Ave., 79th St.	2 turnouts.	Granite.	Macadam.	44	3.28	144.32
Stony Island Ave., 94th St.	D. T. Branch off.	Oak.	Macadam.	75	.63	47.25
Pullman Loop	S. T. curves.	Oak.	Macadam.	80	.63	50.40
119th St., Morgan St.	S. T. curve.	Granite.	Macadam.	80	3.28	262.40
120th St., Morgan St.	S. T. curve.	Granite.	Macadam.	80	3.28	262.40
120th St., Halsted St.	S. T. curve.	Granite.	Macadam.	100	3.28	328.00
Halsted St., 119th St.	S. T. curve.	Granite.	Macadam.	44	3.28	144.32
103rd St., Michigan Ave.	S. T. branch off.	Brick.	Macadam.	90	1.78	160.20
103rd St., Michigan Ave.	Cross over	Brick.	Macadam.	80	1.78	142.40
119th St., Michigan Ave.	Turnout.	Granite.	Macadam.	110	3.28	360.80
93rd St., Cottage Grove Ave.	D. T. 3 Part Wye.	Granite.	Macadam.	925	3.28	3,034.00
95th St., Michigan Ave.	D. T. curve.	Granite.	Macadam.	239	3.28	783.92
71st St., Cottage Grove Ave.		Granite.	Cinders.	411	3.795	1,559.74
71st St., Cottage Grove Ave.		Brick.	Cinders.	438	2.30	1,007.40
71st St., Cottage Grove Ave.		Cedar block.	Cinders.	436	.92	401.12
75th St., Cottage Grove Ave.	D. T. 3 Part Wye.	Granite.	Macadam.	475	3.28	1,558.00
75th St., Cottage Grove Ave.	D. T. 3 Part Wye.	Brick.	Macadam.	425	1.78	756.50
63rd St., So. Park Ave.	Loop & Crossover.	Granite.	Asphalt.	30	1.84	55.20
63rd St., So. Park Ave.	Loop & Crossover.	Brick.	Asphalt.	349	.345	120.48
66th St., So. Park Ave.	D. T. Branch off.	Granite.	Asphalt.	72	1.84	132.48
66th St., So. Park Ave.	D. T. Branch off.	Brick.	Asphalt.	106	.345	36.57
66th St., St. Lawrence Ave.	D. T. curve.	Cedar.	Macadam.	194	.40	77.60
So. Chicago Ave., St. Lawrence Ave.	D. T. Branch off.	Brick.	Cedar.	413	1.38	569.94
75th St., Indiana Ave.	Turnout.	Oak.	Cinders.	40	1.15	46.00
75th St., State St.	D. T. Crossing.	Oak.	Cinders.	40	1.15	46.00
75th St., Vincennes Road.	D. T. Crossing.	Granite.	Macadam.	19	3.28	62.32

# PAVEMENT IN SPECIAL WORK, Continued.

Location.	Description Special Work	Pavement.	Pavement Displaced.	No. sq. Yds.	Unit Price Difference + 15%	Total Extra Cost.
75th St., Stony Island Ave.....	D. T. 3 Part Wye.	Granite.....	Macadam....	235	\$ 3.28	\$ 770.80
75th St., Stony Island Ave.....	Crossover.....	Granite.....	Macadam....	29	3.28	95.12
So. Chicago Ave., 91st St.....	D. T. Branch off..	Granite.....	Macadam....	80	3.28	262.40
So. Chicago Ave., Exchange Ave. ....	D. T. Branch off..	Granite.....	Macadam....	251	3.28	823.28
So. Chicago Ave., Commercial Ave....	D. T. Crossing.....	Granite.....	Macadam....	40	3.28	131.20
So. Chicago Ave., 93rd St.....	B. & O. Crossover	Granite.....	Macadam....	240	3.28	787.20
So. Chicago Ave., Erie St.....	D. T. B. O.....	Granite.....	Macadam....	160	3.28	524.80
Bond Ave.....	D. T. curve.....	Oak.....	Macadam....	311	.63	195.93
67th St., Cottage Grove Ave.....	2-Turnouts.....	Cedar blk....	Macadam....	100	.40	40.00
67th St., Cottage Grove Ave.....	2-Crossings.....	Granite.....	Cedar blk....	19	2.875	54.62
103rd St., Throop St.....	2-Turnouts.....	Granite.....	Macadam....	90	3.28	295.20
103rd St., Wallace Ave.....	2-Turnouts.....	Granite.....	Macadam....	90	3.28	295.20
93rd St., Drexel Ave.....	D. T. 3 Part Wye.	Granite.....	Macadam....	537	3.28	1,761.36
94th St., Washington Ave.....	2-Curves.....	Granite.....	Macadam....	120	3.28	393.60
93rd St., Harbor Ave.....	2-Crossings.....	Brick.....	Macadam....	20	1.78	35.60
93rd St., Harbor Ave.....	Curve.....	Oak.....	Macadam....	88	.63	55.44
91st St., Mackinaw Ave.....	R. H., B O. & Turnout.....	Cedar.....	Macadam....	150	.40	60.00
91st St., Buffalo Ave.....	D. T. Crossing.....	Granite.....	Cedar blk....	44	2.875	126.51
91st St., Commercial Ave.....	D. T. Crossing.....	Brick.....	Cedar blk....	164	1.38	226.32
Erie Ave., 92nd St.....	D. T. Crossing.....	Brick.....	Cedar blk....	164	1.38	226.32
Stony Island Ave., 64th St.....	D. T. B. O.....	Granite.....	Macadam....	185	3.28	606.80
Stony Island Ave., 67th St.....	D. T. B. O.....	Granite.....	Macadam....	260	3.28	852.80
Stony Island Ave., 73rd St.....	D. T. B. O.....	Granite.....	Macadam....	342	3.28	1,121.76
93rd St. Subway.....	Extra.....	Granite.....	Extra.....	448	4.14	1,854.72
Total.....						\$25,173.46



CROSSING PLANK.

Location.	Lin. ft.	Width ft.	Sq. Yds.
Stony Island Ave. and 95th St.....	256	1	29
97th St. and Pullman Drive.....	128	1	14
Pullman Drive and 98th St.....	256	1	29
Pullman Drive and 101st St.....	128	1	14
Pullman Drive and 103d St.....	256	1	29
Pullman Drive and 104th St.....	128	1	14
104th St. and Cottage Grove Ave.....	256	1	29
73d St. from Stony Island Ave. to Railroad Ave..	1,664	1	185
93d St. from Drexel Ave. to N. Y., C. & St. L....	1,792	1	199
Total.....			542
542 sq. yd. @ \$1.30, plus 15%.....			\$810.29
Depreciation, 30%.....			243.09
Total present value.....			\$567.20

BRICK CROSS WALKS.

	No.	Size.	Sq. Yds.
119th St., from Halsted St. to Wentworth Ave.	12	42 ft. x 4 ft.	224
Michigan Ave., from 109th St. to 103d St.....	14	42 ft. x 6 ft.	392
Cottage Grove. Ave., from 95th St. to 75th St..	5	36 ft. x 6 ft.	392
75th St., from Cottage Grove Ave. to Stony Island Ave.....	21	42 ft. x 6 ft.	588
So. Chicago Ave., from 93d St. to 95th St.....	2	35 ft. x 6 ft.	47
Total.....			1,371
1,371 sq. yd. @ \$2.30, plus 15%.....			\$3,626.30
Depreciation, 19%.....			688.98
Total present value.....			\$2,937.32

**EXHIBIT X.**  
**FILL**

FILL DATA.

Street.	From	To	Width of Crown Feet.	Depth of Fill in ft.	Distance in Feet of Street.	No. of Cubic Yds.	Material.	Unit Price.	Total Cost.
Stony Island Ave.	64th St.	67th St.	10	.5	1,990.7	396	Slag	\$1.55	\$ 613.80
Stony Island Ave	67th St.	73rd St.	11	1.5	3,977.7	2,928	Slag	1.55	4,538.40
Stony Island Ave.	73rd St.	79th St.	10	3	3,975.9	6,406	Slag	1.55	9,929.30
Stony Island Ave.	79th St.	92nd St.	25.4	5	8,643	52,658.3	Slag	1.55	81,620.36
Stony Island Ave	92nd St.	93rd St.	20	1	664	528.6	Slag	1.55	819.33
Stony Island Ave.	93rd St.	95th St.	20	1	1,329.6	1,059	Slag	1.55	1,641.45
Stony Island Ave.	95th St.	97th St.	25	4	1,324	6,081	Earth	.60	3,648.60
Stony Island Ave.	97th St.	98th St.	20	3	350	952	Earth	.60	571.20
97th St.	Stony Island Ave.	Pullman Drive.	25	3.5	1,826	7,160	Slag	1.55	11,098.00
Pullman Drive	97th St.	104th St.				17,500	Earth	.60	10,500.00
104th St.	Pullman Drive.	Ericsson Ave.	24	2.5	850	2,184	Earth	.60	1,310.40
Pullman Ave.	104th St.	111th St.				6,850	Sand	.60	4,110.00
115th St.	W. curb line So.								
	Park Ave	Michigan Ave.	16	2.5	2,051.5	3,751	Earth	.60	2,250.60
Michigan Ave.	124th St.	119th St.	12	2.5	3,319.8	4,841	Cind. & slag	1.20	5,809.00
Michigan Ave.	119th St.	116th St.	20	1.5	1,639.6	2,027	Earth	.60	1,216.20
Michigan Ave.	115th St.	112th St.	19	2	2,000.1	3,259	Slag	1.55	5,051.45
Michigan Ave.	112th St.	109th St.	19	1	1,988.9	1,510	Cind. & slag	1.20	1,812.00
Michigan Ave.	99th St.	95th St.	30	1	2,648	3,089	Cind. & slag	1.20	3,706.80
95th St.	Michigan Ave.	Cottage Grove Av	40	1.5	4,402.8	10,334	Cind. & slag	1.20	12,400.80
Cottage Grove Av	95th St.	75th St.	27	4	13,308.6	65,064	Sand & slag	.85	55,304.40
66th St.	So. Park Ave.	St. Lawrence Ave.	18.5	.5	1,313.4	468	Sand & slag	.85	397.80
St. Lawrence Ave	70th St.	75th St.	19	1	3,316.6	2,518	Sand & slag	.85	2,140.30
75th St.	Vincennes Road.	Cottage Grove Av	28	2.5	7,091.5	20,847	Sand & slag	.85	17,719.95
75th St.	Cottage Grove Av	Stony Island Ave.	20	1.5	5,309.3	6,563	Sand & slag	.85	5,578.55
Alley	72nd St.	Cottage Grove Av	16	1.84	480	613.6	Earth	.60	368.19
So Chicago Ave.	Noble Court.	Stony Island Ave.	23	2.25	3,578.5	7,865	Sand & slag	.85	6,685.25

# FILL DATA, Continued.

Street.	From	To	Width of Crown Feet.	Depth of Fill in ft.	Distance in Feet of Street.	No. of Cubic Yds.	Material.	Unit Price.	Total Cost.
So. Chicago Ave	79th St.	91st St.	33	2.5	11,270.8	38,352	Slag	\$1.55	\$59,445.60
So. Chicago Ave	91st St.	92nd St.	22	7.5	950	8,774	Slag & cind.	1.20	10,528.80
So. Chicago Ave	92nd St.	93rd St.	22	7.5	941.5	8,695	Slag & cind.	1.20	10,434.00
So. Chicago Ave.	93rd St.	95th St.	22	3	1,880	5,535	Slag	1.55	8,579.25
95th St.	So. Chicago Ave.	Avenue N.	20	1	1,880	1,497	Slag	1.55	2,320.35
Avenue N	95th St.	98th St.	19.5	1	1,909.1	1,485	Slag	1.55	2,301.75
Avenue L	98th St.	104th St.	19.5	3	4,138.1	11,035	Slag	1.55	17,104.25
108th St.	Avenue L.	State Line.	19.5	1	3,269.6	2,543	Slag	1.55	3,941.65
73rd St.	Stony Island Ave.	Railroad Ave.	18.5	1	6,152.84	4,558	Earth	.60	2,734.80
Railroad Ave.	73rd St.	78th St.	9	1.5	4,094.85	2,559	Earth	.60	1,535.40
78th St.	Railroad Ave.	Lake Ave.	18.5	1	1,455	1,078	Sand	.60	646.80
Lake Ave	78th St.	Cheltenham Pl.	18.5	1	840	3,022	Gravel	.60	1,813.20
67th St.	Cottage Grove Av	Stony Island Ave.	20	2	5,295.6	9,023	Sand & slag	.85	7,669.55
93rd St.	Drexel Ave.	Kimbark Ave.	24	2	2,313	4,626	Slag	1.55	7,170.30
93rd St.	Around shops.	Stony Island Ave.			2,217.7	5,570	Slag & cind.	1.20	6,684.00
93rd St.	Stony Island Ave.	Colfax Ave.	24	1	6,662	6,292	Slag & cind.	1.20	7,550.40
93rd St.	Colfax Ave.	Exchange Ave.	24	3	1,886.5	5,974	Slag & cind.	1.20	7,168.80
Exchange Ave.	93rd St.	So. Chicago Ave.	24	3	602	1,906	Slag & cind.	1.20	2,287.20
93rd St.	So. Chicago Ave.	Harbor Ave.	19	7.5	1,708.3	14,354	Slag & cind.	1.20	17,224.80
Mackinaw Ave.	Harbor Ave.	39th St.	9	3	1,997	2,995	Slag	1.55	4,642.25
89th St.	Mackinaw Ave.	Strand Ave.	9	3	760	1,140	Slag	1.55	1,767.00
91st St.	Mackinaw Ave.	Exchange Ave.	20	7.5	2,657	23,064	Slag	1.55	35,749.20
91st St.	Exchange Ave.	So. Chicago Ave.	20	3	844	2,297	Slag & cind.	1.20	2,756.40
Erie Ave.	So. Chicago Ave.	91st St.	18.5	7.5	1,964	16,230	Slag	1.55	25,156.50
Totals						190,469			\$498,054.38



**EXHIBIT XI.**  
**SUBWAYS**



**EXHIBIT XI.****EXPENDITURES INCURRED IN CONSTRUCTION OF  
SUBWAYS.**

	Cost.
93d St. and I. C. R. R., constructed 1893.....	\$24,835.04
Excavation, retaining walls.....	\$14,894.38
To city of Chicago.....	3,331.01
To I. C. R. R.....	6,377.64
Miscellaneous labor.....	232.01
	<hr/>
	\$24,835.04
67th St. and I. C. R. R.....	2,358.35
75th St. and C., R. I. & P. R. R.....	37.42
Stony Island Ave. and L. S. & M. S. R. R.....	1,317.39
Cottage Grove Ave. and L. S. & M. S. R. R. (\$1,000 paid for one foot headroom).....	1,962.47
St. Lawrence Ave. and L. S. & M. S. R. R.....	453.25
	<hr/>
Total.....	\$30,963.92
Organization, engineering and incidentals, 15%.....	4,644.58
	<hr/>
Total cost.....	\$35,608.50





**EXHIBIT XII.**  
**ADDENDA ITEMS**



**EXHIBIT XII.****ESTIMATE OF DEDUCTIONS TO BE MADE FROM ESTIMATE IF THE TRACKS TO BE REHABILITATED AS PROVIDED IN THE ORDINANCE BE GIVEN AN AVERAGE LIFE OF 2½ YEARS AND THE MATERIAL BE GIVEN A SECOND-HAND OR SCRAP VALUE, AS THE CASE MAY BE.**

In order to determine the deduction that should be made from the present value of the property of the Calumet Electric Street Railway Company, due to the fact that the new ordinance, if accepted, provides for the rehabilitation of 40 miles of track, the following method has been adopted:

The total requirement of 40 miles was divided between the two roads in proportion to the total miles of single track reported by the two roads. The division thus determined assigns to the South Chicago City Railway Company 13.6 miles of single track and to the Calumet Electric Railway Company 26.4 miles of single track.

The ordinance provides for the rehabilitation of 40 miles of single track within four years, and also provides that this rehabilitation shall be started within one year from the acceptance of the ordinance, and requires not more than one-third of the work to be done during the second year. For the purpose of this estimate it has been assumed that the average time of rehabilitation will be 2½ years from date of inventory, and, therefore, an average life of 2½ years has been figured upon all of the rehabilitation track mileage.

The following determination of the loss due to such rehabilitation has been made. The track has been depreciated for the additional 2½ years from February 1, 1908. At that time it is assumed that the rails will be taken from the track and sold as second-hand material, the loss sustained being the difference between value of rails depreciated for the 2½ years and the second-hand value.

In case of substructure, the loss sustained is the remaining wearing value of the substructure less its scrap value, with the exception of excavation, on which work no loss was sustained, and ballast, on which it was estimated a 25% loss would be sustained.

In case of overhead, the depreciation was carried on for the additional 2½ years, after which it was assumed that one-half of the poles would necessarily be scrap, while the remaining half were given their wearing value.

The trolley and equipment were allowed scrap value at the end of the 2½ year period.

ESTIMATE OF DEDUCTIONS TO BE MADE FROM ESTIMATE IF THE TRACKS TO BE REHABILITATED AS PROVIDED IN THE ORDINANCE BE GIVEN AN AVERAGE LIFE OF 2½ YEARS AND THE MATERIAL BE GIVEN A SECOND-HAND OR SCRAP VALUE, AS THE CASE MAY BE.

SUMMARY.

Tracks.....	\$184,008.00
Overhead trolley construction.....	8,580.00
Total.....	<u>\$192,588.00</u>

Overhead Construction.

	Value per mile in 2½ yrs.	Scrap Value.	Loss.
*One-half poles.....	\$135.90	\$ 32.30	\$104.60
Trolley wire.....	180.80	146.77	33.03
Trolley wire labor.....	7.25		7.25
Equipment, miscellaneous labor, etc.	228.27	50.63	177.64
	<u>\$552.22</u>	<u>\$229.70</u>	<u>**\$322.52</u>

\* It is assumed that one-half the poles will have to be renewed at this time.

\*\* Assume \$325.00 per mile.

Total deduction (26.4 miles @ \$325.00 per mile).....\$8,580.00

Track Work.

	Average cost new.	Average scrap value.	Average wearing value.	Loss.
Rail .....	\$5,608.00	\$1,018.00	\$4,590.00	
Average rail depreciation, 12½% of \$4,590.00			573.00	
			<u>\$4,017.00</u>	
Plus scrap value.....			1,018.00	
			<u>\$5,035.00</u>	
Credit second-hand value of rail, 120 tons @ \$20.00.....			2,400.00	
			<u>\$2,635.00</u>	
Loss due to rail.....				\$2,635.00

Substructure.

Average cost new.....	\$7,720.00	
Ballast new.....	\$2,475.00	
Excavation .....	1,320.00	
Scrap .....	392.00	
	<u>\$4,187.00</u>	4,187.00
Part to be depreciated.....	\$3,533.00	
Average depreciation substructure, 40% ; 2½ years hence, 54%.		
54% of \$3,533.00.....	\$1,908.00	
Stone ballast loss, 25%.....	619.00	
	<u>\$2,527.00</u>	
Loss due to substructure...		\$2,527.00

Special Work.

Average cost per mile.....	\$4,096.00	
Average depreciation, 40% ; 2½ years hence, 50%.		
50% of \$4,096.00.....	\$2,048.00	
Scrap .....	240.00	
	<u>\$2,288.00</u>	2,288.00
Loss due to special work.....	1,808.00	1,808.00
Loss per mile of track.....		<u>\$6,970.00</u>
Total miles to rehibilitate.....		26.4
26.4 miles @ \$6,970.00.....		<u>\$184,008.00</u>



**EXHIBIT XIII.  
FRANCHISES  
AND  
INTANGIBLE VALUES**





**CLAIMS OF THE CITY.****Franchises Expiring in 1912.****Cottage Grove Ave.:**

72d St. to 95th St.

**95th St.:**

Cottage Grove Ave. to Michigan Ave.

**Michigan Ave.:**

95th St. to 119th St.

**119th St.:**

Michigan Ave. to Wentworth Ave.

**93d St.:**

Cottage Grove Ave. to N. Y. C. & St. L. Ry.

**Right of Way:**

West Side of N. Y. C. & St. L. Shop Grounds to N. Y. C. & St. L. and C. & W. I. Crossing.

**Right of Way:**

N. Y. C. & St. L. and C. & W. I. Crossing to Washington Ave.

**Washington Ave.:**

Right of Way to Alley, between 93d and 94th Sts.

**Alley between 93d and 94th Sts.:**

Washington Ave. to Stony Island Ave.

**Stony Island Ave.:**

93d St. to 97th St.

**So. Chicago Ave.**

75th St. to 95th St.

**95th St.:**

South Chicago Ave. to Avenue "N."

**75th St.:**

Stony Island Ave. to Eggleston Ave.

**Stony Island Ave.:**

64th St. to 79th St.

**67th St. (one track):**

Cottage Grove Ave. to Stony Island Ave.

**93d St.:**

Stony Island Ave. to Harbor Ave.

**So. Chicago Ave.:**

Exchange Ave. to 93d St.

**Harbor Ave.:**

93d St. to Mackinaw Ave.

**Mackinaw Ave.:**

Harbor Ave. to 89th St.

**89th St.:**

Mackinaw Ave. to Strand Ave.

## **552 VALUATION—CALUMET ELECTRIC STREET RAILWAY.**

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### **Franchises Expiring in 1913.**

**91st St.:**

South Chicago Ave. to Commercial Ave.

**Stony Island Ave.:**

79th St. to 93d St.

**119th St.:**

Wentworth Ave. to Halsted St.

**Drexel Ave.:**

93d St. to the Car Barns.

**93d St.:**

Subway under Illinois Central Tracks.

**72d St.:**

Loop and connection to tracks on Cottage Grove Ave.

**Noble Court:**

South Chicago Ave. to 75th St.

### **Franchises Expiring in 1915.**

**South Park Ave.:**

63d St. to 67th St.

**66th St.:**

South Park Ave. to St. Lawrence Ave.

**St. Lawrence Ave.:**

66th St. to 75th St.

**Cottage Grove Ave.:**

71st St. to 72d St.

**Stony Island Ave.:**

63d St. to 64th St.

**73d St.:**

Stony Island Ave. to Railroad Ave.

**Railroad Ave.:**

73d St. to 78th St.

**78th St.:**

Railroad Ave. to Lake Ave.

**Lake Ave.:**

78th St. to Cheltenham Place.

**Cheltenham Place.:**

Lake Ave. to Bond Ave.

**Bond Ave.:**

Cheltenham Place to 79th St.

**91st St.:**

Commercial Ave. to Mackinaw Ave.

**Erie Ave.:**

91st St. to 93d St.

**Erie Ave.:**

93d St. to So. Chicago Ave.

**Avenue "N":**

95th St. to 98th St.

**98th St.:**  
Avenue "N" to Avenue "L."  
**Avenue "L":**  
98th St. to 108th St.  
**108th St.:**  
Avenue "L" to the State Line.  
**103d St.:**  
Michigan Ave. to Vincennes Road.  
**Halsted St.:**  
119th St. to 121st St.  
**119th St.:**  
Halsted St. to Morgan St.  
**Morgan St.:**  
119th St. to 120th St.  
**93d St.:**  
Stony Island Ave. to Harbor Ave.  
**120th St.:**  
Morgan St. to Halsted St.  
**97th St.:**  
Stony Island Ave. to Pullman Drive.  
**Pullman Drive:**  
97th St. to Ericsson Ave.  
**104th St.:**  
Ericsson Ave. to Pullman Ave.  
**Pullman Ave.:**  
104th St. to 115th St.  
**115th St.:**  
Pullman Ave. to Watt Ave.  
**115th St.:**  
Michigan Ave. to So. Park Ave.  
**Watt Ave.:**  
115th St. to 111th St.  
**111th St.:**  
Pullman Ave. to Watt Ave.

#### Franchises Expiring in 1909.

The following are also listed as expiring in year 1912 due to the question as to the actual date of expiration of franchises:

**93d St.:**  
Stony Island Ave. to Harbor Ave.  
**So. Chicago Ave.:**  
Exchange Ave. to 93d St.  
**Harbor Ave.:**  
93d St. to Mackinaw Ave.  
**Mackinaw Ave.:**  
Harbor Ave. to 89th St.  
**89th St.:**  
Mackinaw Ave. to Strand Ave.

**Franchises Held by Chicago Electric Traction Company and Upon Which the Calumet Electric Street Railway Company Have Been Leased the Right to Operate Cars Jointly.**

**67th St.:**

St. Lawrence Ave. to Cottage Grove Ave.

**So. Chicago Ave.:**

69th St. to 71st St.

**71st St.:**

St. Lawrence Ave. to Cottage Grove Ave.

**Alley Parallel to P. F. W. & C. Tracks:**

Cottage Grove Ave. to 71st St.

**Franchises Expiring in 1919.**

The following are also listed as expiring in year 1915 due to the question as to the actual date of expiration of franchises:

**97th St.:**

Stony Island Ave. to Pullman Drive.

**Pullman Drive:**

97th St. to Ericsson Ave.

**104th St.:**

Ericsson Ave. to Pullman Ave.

**Pullman Ave.:**

104th St. to 115th St.

**115th St.:**

Pullman Ave. to Watt Ave.

**115th St.:**

Michigan Ave. to So. Park Ave.

**Watt Ave.:**

115th St. to 111th St.

**111th St.:**

Pullman Ave. to Watt Ave.

**CLAIMS OF CALUMET ELECTRIC STREET RAILWAY CO.**

**Franchise Expiring in 1912.**

**93d St.:**

Stony Island Ave. to Harbor Ave.

**So. Chicago Ave.:**

Exchange Ave. to 93d St.

**Harbor Ave.:**

93d St. to Mackinaw Ave.

**Mackinaw Ave.:**

Harbor Ave. to 89th St.

**89th St.:**

Mackinaw Ave. to Strand Ave.

**Cottage Grove Ave.:**

72d St. to 95th St.

**95th St.:**

Cottage Grove Ave. to Michigan Ave.

**Michigan Ave.:**

95th St. to 119th St.

**119th St.:**

Michigan Ave. to Wentworth Ave.

**93d St.:**

Cottage Grove Ave. to N. Y. C. & St. L. Ry. Shop Grounds.

**Right of Way:**

West Side of N. Y. C. & St. L. Ry. Shop Grounds to N. Y. C. & St. L. and C. & W. I. Crossing.

**Right of Way:**

N. Y. C. & St. L. and C. & W. I. Crossing to Washington Ave.

**Washington Ave.:**

Right of Way to Alley between 93d and 94th Sts.

**Alley between 93d and 94th Sts.:**

Washington Ave. to Stony Island Ave.

**Stony Island Ave.:**

93d St. to 97th St.

**So. Chicago Ave.:**

75th St. to 95th St.

**95th St.:**

So. Chicago Ave. to Avenue "N."

**75th St.:**

Stony Island Ave. to Eggleston Ave.

**Stony Island Ave.:**

64th St. to 79th St.

**67th St.:**

Cottage Grove Ave. to Stony Island Ave.

**Franchises Expiring in 1913.**

**91st St.:**

So. Chicago Ave. to Commercial Ave.

**Stony Island Ave.:**

79th St. to 93d St.

**Michigan Ave.:**

119th St. to 124th St.

**119th St.:**

Wentworth Ave. to Halsted St.

**Drexel Ave.:**

93d St. to Car Barns.

**93d St.:**

Subway under I. C. Ry. Tracks.

**72d St.:**

Loop and connections to track on Cottage Grove Ave.

**Noble Court:**

So. Chicago Ave. to 75th St.

**Franchises Expiring in 1915.**

**So. Park Ave.:**

63d St. to 67th St.

**66th St.:**

So. Park Ave. to St. Lawrence Ave.

**St. Lawrence Ave.:**

66th St. to 75th St.

**Cottage Grove Ave.:**

71st St. to 72d St.

**Stony Island Ave.:**

63d St. (including loop) to 64th St.

**73d St.:**

Stony Island Ave. to Railroad Ave.

**Railroad Ave.:**

73d St. to 78th St.

**78th St.:**

Railroad Ave. to Lake Ave.

**Lake Ave.:**

78th St. to Cheltenham Place.

**Cheltenham Place:**

Lake Ave. to Bond Ave.

**Bond Ave.:**

Cheltenham Place to 79th St.

**91st St.:**

Commercial Ave. to Mackinaw Ave.

**Erie Ave.:**

91st St. to 93d St.

**Erie Ave.:**

93d St. to So. Chicago Ave.

**Avenue "N":**

95th St. to 98th St.

**98th St.:**

Avenue "N" to Avenue "L."

**Avenue "L":**

98th St. to 108th St.

**108th St.:**

Avenue "L" to State Line.

**103d St.:**

Michigan Ave. to Vincennes Road.

**119th St.:**

Halsted St. to Morgan St.

**Morgan St.:**

119th St. to 120th St.

**120th St.:**

Morgan St. to Halsted St.

**Halsted St.:**

119th St. to 121st St.

**Franchises Expiring in 1919**

**97th St.:**

Stony Island Ave. to Pullman Drive.

**Pullman Drive:**

97th St. to Ericsson Ave.

**104th St.:**

Ericsson Ave. to Pullman Ave.

**Pullman Ave.:**

104th St. to 115th St.

**115th St.:**

Pullman Ave. to Watt Ave.

**115th St.:**

Michigan Ave. to So. Park Ave.

**Watt Ave.:**

115th St. to 111th St.

**111th St.:**

Pullman Ave. to Watt Ave.

**LEASED FROM CHICAGO ELECTRIC TRACTION CO.**

**Franchises Expiring in 1913.**

**So. Chicago Ave.:**

St. Lawrence Ave. to Cottage Grove Ave.

**71st St.:**

St. Lawrence Ave. to Cottage Grove Ave.

**Alley Parallel to P. F. W. & C. Tracks:**

Cottage Grove Ave. to 71st St.

**67th St.:**

St. Lawrence Ave. to Cottage Grove Ave.



ROUTES.

Route No. 1—19.45 Miles.

	Feet	Total Feet Single Track
So. Park Ave., from center of loop to 66th St.....	2,081	4,162
66th St., from So. Park Ave. to St. Lawrence Ave.	1,313	2,626
St. Lawrence Ave., from 66th St. to 69th St.....	1,982	3,964
So. Chicago Ave., from 69th St. to 71st St.....	1,862	3,724
Cottage Grove Ave., from 71st St. to 72d St.....	664	1,327
Cottage Grove Ave., from 72d St. to 95th St....	15,299	30,599
95th St., from Cottage Gr. Ave. to Michigan Ave.	4,403	8,806
Michigan Ave., from 95th St. to 119th St.....	15,968	31,937
119th St., from Michigan Ave. to Wentworth Ave.	1,895	3,791
119th St., from Wentworth Ave. to Halsted St..	3,955	7,910
119th St., from Halsted St. to Morgan St.....	1,300	1,300
Morgan St., from 119th St. to 120th St.....	587	587
120th St., from Morgan St. to Halsted St.....	1,300	1,300
Halsted St., from 120th St. to 119th St.....	587	587
Total.....		102,620

Route No. 2—5.14 Miles.

	Feet	Total Feet Single Track
75th St., from Stony I. Ave. to Eggleston Ave...	13,583	27,166

Route No. 3—8.29 Miles.

	Feet	Total Feet Single Track
93d St. and right of way, from Cottage Grove Ave. to Stony Island Ave.....	5,915	11,830
Stony Island Ave., from alley between 93d and 94th Sts. to 93d St.....	819	1,638
93d St., from Stony I. Ave. to So. Chicago Ave..	9,030	18,060
So. Chicago Ave., from Exchange Ave. to 93d St.	502	1,004
93d St., from So. Chicago Ave. to Erie Ave.....	765	1,530
Erie Ave., from 93d St. to 91st St.....	1,320	2,640
91st St., from Erie Ave. to Mackinaw Ave.....	1,560	3,060
Mackinaw Ave., from 91st St. to 89th St.....	1,320	2,640
89th St., from Mackinaw Ave. to Strand Ave....	686	1,372
Total.....		43,774

**Route No. 4—10.73 Miles.**

	Feet	Total Feet Single Track
So. Park Ave., from center of loop to 66th St.....	2,081	4,162
66th St., from So. Park Ave. to St. Lawrence Ave.	1,313	2,626
St. Lawrence Ave., from 66th St. to 67th St.....	654	1,308
67th St., from St. Lawrence Ave. to Cottage Grove Ave. ....	1,304	2,608
67th St., from Cottage Grove Ave. to Stony Island Ave.....	5,275	10,551
Stony Island Ave., from 67th St. to 73d St.....	3,977	7,954
73d St., from Stony Island Ave. to Railroad Ave.	6,152	12,305
Railroad Ave., from 73d St. to 78th St.....	4,095	8,190
78th St., from Railroad Ave. to Lake Ave.....	1,455	2,910
Lake Ave., from 78th St. to Cheltenham Pl.....	840	1,680
Cheltenham Pl., from Lake Ave. to Bond Ave....	473	946
Bond Ave., from Cheltenham Pl. to 79th St.....	695	1,390
Total.....		56,630

**Route No. 5—16.05 Miles.**

	Feet	Total Feet Single Track
Stony Island Ave., from center of loop to 64th St.	739	1,478
Stony Island Ave., from 64th St. to 79th St.....	9,900	19,800
So. Chicago Ave., from 79th St. to 91st St.....	11,271	22,542
91st St., from So. Chicago Ave. to Commercial Ave. ....	1,221	2,442
91st St., from Commercial Ave. to Erie Ave.....	753	1,506
Erie Ave., from 91st St. to So. Chicago Ave.....	1,964	3,928
So. Chicago Ave., from Erie Ave. to 95th St.....	998	1,996
95th St., from So. Chicago Ave. to Ave. "N".....	1,880	3,760
Ave. "N", from 95th St. to 98th St.....	1,909	3,818
98th St., from Ave. "N" to Ave. "L".....	660	1,320
Ave. "L", from 98th St. to 108th St.....	6,787	13,575
108th St., from Ave. "L" to State Line.....	3,269	6,539
Roby loop.....	1,080	2,160
Total.....		84,864

# **PROPOSED CLEVELAND ELECTRIC STREET RAILWAY.**

## **Route No. 6—1.14 Miles.**

	Feet	Total Feet Single Track
From 1st and Erie from corner of 10th to 11th St.	72	1,478
From 1st and Erie from 11th St. to 12th St.	190	19,800
From 1st and Erie from 12th St. to 13th St.	130	18,600
From 1st and Erie from 13th St. to 14th St.	154	5,308
From 1st and Erie from 14th St. to 15th St.		
From 1st and Erie from 15th St. to 16th St.		
From 1st and Erie from 16th St. to 17th St.	812	16,380
From 1st and Erie from 17th St. to 18th St.	111	2,322
From 1st and Erie from 18th St. to 19th St.	175	11,880
From 1st and Erie from 19th St. to 20th St.	785	785
From 1st and Erie from 20th St. to 21st St.	2,535	2,535
From 1st and Erie from 21st St. to 22nd St.	401	401
<b>Total</b>		<b>79,490</b>

## **Route No. 7—0.76 Miles.**

	Feet	Total Feet Single Track
From 1st and Erie from Michigan Ave. to So. Park Ave.	2,002	4,004

## **Route No. 8—3.6 Miles.**

	Feet	Total Feet Single Track
From 1st and Erie from Michigan Ave. to Vincennes Rd.	9,481	18,962

TRAFFIC REPORT FOR YEAR ENDING DECEMBER 31, 1907.

STREETS.	Length of Trips, Miles.	No. of Trips.	Total Hours and Minutes.	Car Miles	Revenue Passen- gers.	Total Passenger Receipts.	Receipts per Car Mile.	Transfers Received.
So. Park Ave. Center of Loop to 66th St.....	.79	70,147	5,202-45	55,416.13	239,409	\$11,316.94	20.70	61,380
66th St. South Park Ave., to St. Law- rence Ave.....	.50	70,147	3,292-50	35,073.50	145,195	7,162.61	20.42	38,848
St. Lawrence Ave., 66th St. to 67th St.	.25	70,147	1,646-25	17,536.75	72,598	3,581.31	20.42	19,422
St. Lawrence Ave. 67th St. to 69th St.	.50	45,467	2,142-50	22,733.50	111,029	5,472.52	24.07	26,646
So. Chicago Ave. 69th St. to 71st St. .	.71	45,467	3,042-45	32,281.57	157,662	7,770.98	24.07	37,837
So. Chicago Ave. Exchange Ave. to 93rd St.....	.19	32,089	735-25	6,096.91	22,486	1,100.24	18.04	16,004
So. Chicago Ave. 79th St. to 91st St. .	4.27	35,713	13,935-5	132,494.51	701,559	34,646.42	22.71	111,272
So. Chicago Ave. Erie Ave. to 95th St.	.37	35,713	1,207-30	13,213.81	60,791	3,002.15	22.71	9,642
Cottage Grove Ave. 71st St. to 72nd St.....	.25	45,467	1,071-25	11,366.75	55,515	2,736.26	24.07	13,323
Cottage Grove Ave. 72nd St. to 95th St.....	5.80	45,467	24,856-55	263,708.60	1,287,942	63,481.27	24.07	309,093
Michigan Ave. 95th St. to 119th St....	6.05	45,467	25,929-25	275,075.35	1,343,457	66,217.53	24.07	322,416
Morgan St. 119th St. to 120th St. ....	.11	45,467	471-25	5,001.37	24,426	1,203.96	24.07	5,862
95th St. Cottage Grove Ave. to Michi- gan Ave. ....	1.66	45,467	7,114.10	75,475.22	368,618	18,168.78	24.07	88,465
95th St. So. Chicago Ave. to Ave. "N"	.71	35,713	2,317-0	25,356.23	116,653	5,760.88	22.71	18,502
119th St. Michigan Ave. to Went- worth Ave. ....	.72	45,467	3,085-40	32,736.24	159,882	7,880.43	24.07	38,370
119th St. Wentworth Ave. to Halsted St.....	1.50	45,467	6,428-30	68,200.50	333,088	16,417.57	24.07	79,938
119th St. Halsted St. to Morgan St....	.25	45,467	1,071-25	11,366.75	55,515	2,736.26	24.07	13,323
120th St. Morgan St. to Halsted St....	.25	45,467	1,071-25	11,366.75	55,515	2,736.26	24.07	13,323
Halsted St. 120th St. to 119th St.....	.11	45,467	471-25	5,001.37	24,426	1,203.96	24.07	5,863

## TRAFFIC REPORT FOR YEAR ENDING DECEMBER 31, 1907, Continued.

STREETS.	Length of Trips, Miles.	No. of Trips.	Total Hours and Minutes.	Car Miles.	Revenue Passen- gers.	Total Passenger Receipts.	Receipts per Car Mile.	Transfers Received.
75th St. Stony Island Ave. to Eggleston Ave.....	5.14	22,836	15,224—5	117,377.04	369,359	\$18,166.02	15.47	352,781
On 93rd St. Right of Way and Alley between 94th and 95th Sts. from Cottage Grove Ave. to Stony Island Ave.....	2.24	32,089	8,670—35	71,879.36	265,100	12,971.30	18.04	18,8681
Stony Island Ave., Alley between 94th and 95th Sts. to 93rd St. ....	.31	54,500	1,815—50	16,895.00	57,202	2,805.76	16.67	33,683
Stony Island Ave. 67th St. to 73rd St	1.51	82,804	11,401—10	125,034.04	451,199	22,278.86	17.81	113,079
Stony Island Ave. center of Loop to 64th St.....	.28	58,124	1,470—00	16,274.72	64,533	3,184.24	19.56	14,135
Stony Island Ave. 64th St. to 67th St	.76	58,124	3,990—10	44,174.24	175,161	8,644.24	19.56	38,367
Stony Island Ave. 79th St. to 93rd St	3.52	22,411	6,993—20	78,886.72	232,940	11,475.51	14.54	85,971
Stony Island Ave (Alley), between 94th and 95th Sts. to 97th St. ....	.67	22,411	1,331—5	15,015.37	44,339	2,184.26	14.54	16,364
Stony Island Ave. 73rd St. to 79 St. .	1.50	58,124	7,875—25	87,186.00	345,713	17,060.99	19.56	75,724
93rd Stony Island Ave. to So. Chicago Ave.....	3.42	32,089	13,238—10	109,744.38	404,751	19,804.40	18.04	288,076
93rd So. Chicago Ave. to Erie Ave. . .	.29	32,089	1,122—30	9,305.81	34,321	1,679.32	18.04	24,427
Erie Ave. 93rd St. to 91st St.....	.50	67,802	3,567—15	33,901.00	141,324	6,952.35	20.51	55,146
Erie Ave. 93rd St. to So. Chicago Ave.	.24	35,713	783—10	8,571.12	39,432	1,947.34	22.71	6,254
91st St. Erie Ave. to Mackinaw Ave..	.58	32,089	2,245 0	18,611.62	68,642	3,358.64	18.04	48,855
91st St. So. Chicago Ave. to Commercial Ave. ....	.46	35,713	1,501—10	16,427.98	75,578	3,732.40	22.71	11,987
91st St. Commercial Ave. to Erie Ave.	.29	35,713	946—25	10,356.77	47,647	2,353.04	22.71	7,557
Mackinaw Ave. 91st Ave. to 89th St.	.50	32,089	1,935—25	16,044.50	59,174	2,895.39	18.04	42,116
89th St. Mackinaw Ave. to Strand Ave.	.26	32,089	1,006—25	8,343.14	30,771	1,505.60	18.04	21,901



## TRAFFIC STATISTICS.

FOR YEAR ENDING DECEMBER 31, 1907.

Round Trips—	
Passenger cars.....	238,115
Car Miles—	
Passenger cars.....	2,570,129.85
Chartered cars.....	12,037.5
	<hr/>
Total .....	2,582,167.35
Car Hours—	
Passenger cars.....	251,785
Passengers Carried—	
Revenue .....	10,586,622
Transfers .....	3,636,924
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Total .....	14,223,546
Per cent of transfer passengers to revenue.....	34.35
Average number of passenger cars in use per day of eighteen hours.....	38.32
Average miles per passenger car per day of eighteen hours .....	183.74

	Cents per Car Mile
Passenger earnings.....	20.30
Chartered car earnings.....	40.84
Total car earnings.....	20.39
Miscellaneous earnings.....	.91
Gross earnings.....	21.30
Operating expenses.....	14.71
Net earnings from operation.....	6.59
Taxes, accrued.....	.23
Net income.....	6.36
Percentage of expenses to earnings.....	69.02
Percentage of expenses and taxes to earnings.....	70.12
Percentage of net income to gross earnings.....	29.837

**COMPARATIVE STATEMENT OF OPERATING EXPENSES.  
FOR YEARS ENDING DECEMBER 31, 1906, AND DECEMBER 31, 1907.**

	Year Ending Dec. 31, 1906	Year Ending Dec. 31, 1907		Increase or Decrease
Salaries, general officers..\$	6,855.00	\$ 6,440.00	Dec. \$	415.00
Salaries, clerks.....	6,503.69	7,965.17	Inc.	1,461.48
Printing and stationery...	433.97	392.67	Dec.	41.30
Miscellaneous office ex- penses .....	1,120.23	1,325.86	Inc.	205.63
Stores, expenses.....	1,004.16	1,314.66	Inc.	310.50
Stable, expenses .....	595.54	766.99	Inc.	171.45
Advertising and attractions	2,513.83	450.71	Dec.	2,063.12
Miscellaneous general ex- penses .....	1,671.56	1,655.16	Dec.	16.40
Injuries and damages.....	18,314.30	17,527.32	Dec.	786.98
Legal expenses, account damages .....	7,609.60	7,536.34	Dec.	73.26
Other legal expenses.....	2,222.58	68.89	Dec.	2,153.69
Rent, lands and buildings.	7,192.42	8,907.77	Inc.	1,715.35
Rent, tracks and terminals	3,000.00	3,000.00		
Insurance .....	6,236.47	5,002.76	Dec.	1,233.71
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Total general ex- penses .....	\$ 65,273.35	\$ 62,354.30	Dec. \$	2,919.05
Track and roadway.....	20,090.33	18,617.16	Dec.	1,473.17
Electric lines.....	6,116.59	5,483.02	Dec.	633.57
Buildings and fixtures....	1,580.24	4,226.61	Inc.	2,646.37
<hr/>				
Total maintenance of way & structures..\$	27,787.16	\$ 28,326.79	Inc. \$	539.63
Steam plant.....	3,832.47	4,313.40	Inc.	480.93
Electric plant.....	192.56	682.66	Inc.	490.10
Car bodies.....	9,044.64	7,884.45	Dec.	1,160.19
Car trucks.....	8,805.56	14,353.95	Inc.	5,548.39
Miscellaneous equipment..	623.82	1,372.52	Inc.	748.70
Electric equipment of cars	12,743.00	18,816.48	Inc.	6,073.48
Shop expense.....	1,260.80	920.73	Dec.	340.07
<hr/>				
Total maintenance of equipment .....	\$ 36,502.85	\$ 48,344.19	Inc.	\$11,841.34
<hr/>				
Total for general expenses and maintenance.....	\$129,563.36	\$139,025.28	Inc. \$	9,461.92



**COMPARATIVE STATEMENT OF OPERATING EXPENSES.**

	Year Ending Dec. 31, 1906	Year Ending Dec. 31, 1907	Increase or Decrease
Power plant, wages.....	\$ 17,140.60	\$ 18,578.56	Inc. \$ 1,437.96
Fuel and power.....	41,564.84	48,373.79	Inc. 6,808.95
Water for power.....	2,814.60	1,525.52	Dec. 1,289.08
Lubricants and waste....	2,237.13	1,671.17	Dec. 565.96
Miscellaneous supplies and and expenses.....		1,031.71	Inc. 1,031.71
Hired power.....	1,507.36	1,925.54	Inc. 418.18
Total for power plant..	\$ 65,264.53	\$ 73,106.29	\$ 7,841.76
Superintendence of, trans- portation .....	2,737.24	2,666.28	Dec. 70.96
Wages of conductors.....	63,247.73	68,465.20	Inc. 5,217.47
Wages of motormen.....	61,427.69	65,728.81	Inc. 4,304.12
Wages of other car service employees .....	3,852.59	5,172.42	Inc. 1,319.83
Wages of car house em- ployees .....	8,927.85	10,839.54	Inc. 1,911.69
Car service supplies.....	5,230.06	6,651.20	Inc. 1,421.14
Miscellaneous car service expenses .....	2,976.25	3,556.55	Inc. 580.30
Cleaning and sanding track	3,459.01	3,756.62	Inc. 297.61
Removal snow and ice....	291.95	971.36	Inc. 679.41
Total for operation of cars .....	\$152,147.37	\$167,807.98	Inc. \$15,660.61
Total for conducting trans- portation .....	\$217,411.90	\$240,914.27	Inc. \$23,502.37
Total operating expenses (general expenses, maintenance and transportation) .....	\$346,975.26	\$379,939.55	Inc. \$32,964.29

**COMPARATIVE INCOME ACCOUNT.**  
**FOR YEARS ENDING DECEMBER 31, 1906 AND 1907.**

	Year Ending Dec. 31, 1906	Year Ending Dec. 31, 1907		Increase or Decrease
Earnings from passengers.	\$483,383.17	\$521,676.84	Inc.	\$38,293.67
Earnings from chart'd cars	2,174.93	4,916.78	Inc.	2,741.85
Total car earnings...	\$485,558.10	\$526,593.62	Inc.	\$41,035.52
Advertising .....	4,092.45	2,860.58	Dec.	1,231.87
Rent of land and buildings	14,921.20	13,884.36	Dec.	1,036.84
Other misc. earnings.....	689.91	6,761.93	Inc.	6,072.02
Total misc. earnings.	\$ 19,703.56	\$ 23,506.87	Inc.	\$ 3,803.31
Gross earnings from op- eration .....	\$505,261.66	\$550,100.49	Inc.	\$44,838.83
Operating expenses.....	346,975.26	379,939.55	Inc.	32,964.29
Net earnings from op- eration .....	\$158,256.40	\$170,160.94	Inc.	\$11,874.54
Taxes .....	7,130.12	6,024.12	Dec.	1,106.00
Net income.....	\$151,156.28	\$164,136.82	Inc.	\$12,980.54

### DETERMINATION OF FRANCHISE VALUES.

The general method used in determining the values of franchises is as follows:

The number of car miles run over the track covered by a given franchise, as well as the gross receipts for the year ending December 31, 1907, was obtained from data furnished by the railway company.

The net receipts were obtained by multiplying the gross receipts by approximately 0.30, and as hereinafter explained.

The principal that is necessary to support from these net receipts was found by multiplying the length of track under the franchise by an average value per mile of construction on the right of way, and adding to this an amount proportional to the car miles. This last amount was obtained by multiplying the car miles by a number which represents the amount of investment other than that on the right of way per car mile run during the year ending December 31, 1907.

The principal was supported at 5 per cent from the net receipts, increased year by year, by a factor representing the annual rate of increase in population, and the present values, as of February 1, 1908, found for the remainder.

The sum of these present values up to the expiration of the franchise gives the value of the franchise as of February 1, 1908.

The following tabulation and its accompanying explanation shows in detail the methods used and the results obtained.

Only such franchises as have earnings reported for them by the company are found in the table. It was decided that, under the existing conditions, those franchises which show no earnings should be considered as of no value.





EXPLANATION OF THE FOREGOING TABULATION.

- Column No. 1 gives the name of the street which is covered by the franchise.
- Columns Nos. 2 and 3 give the limits of the franchise.
- Column No. 4 gives the dates at which the franchises expire.
- Column No. 5 gives the number of miles of single track on street.
- Column No. 6 gives the length of round trip in miles of single track.
- Column No. 7 gives the number of routes operating over track.
- Column No. 8 gives the gross passenger earnings of the tracks operated under the franchises for the year ending December 31, 1907.
- Column No. 9 gives the car miles run over the tracks operated under the franchises during the year ending December 31, 1907. The items in Columns No. 8 and No. 9 were derived from data furnished by the railway company. The railway company also furnished a schedule showing their routes, the number of trips made over each route for the year mentioned and the receipts from the various routes for the same time. From this data it was possible to compute the number of car miles run over the tracks covered by the various franchises; and, assuming that the earnings are proportional to the car miles, the amount of earnings for the tracks under each franchise was determined.
- Column No. 10 gives the earnings in cents per car mile for the section covered by the franchises. This item is not used in figuring the franchise values, but is inserted for the information it may give.
- Column No. 11 gives the estimated net receipts from passenger earnings of the tracks operated under the franchise for the year ending December 31, 1907, and was obtained by multiplying the gross receipts found in Column No. 8 by .33854. In obtaining the latter factor the commission decided that 30 per cent of the gross passenger earnings plus the percentage of the earnings from other sources, as hereinafter indicated, should be considered as net earnings.

The additional income for the Calumet Electric Street Railway Company for the year ending December 31, 1907, was made up as follows:

	Receipts	Estimated Profit
Chartered cars .....	\$ 4,916.78	\$ 1,475.03
Advertising .....	2,860.58	2,717.55
Rent of lands and buildings.....	13,884.36	13,884.36
Miscellaneous earnings .....	6,761.93	2,028.58
	<u>\$28,243.65</u>	<u>\$20,105.52</u>

Gross passenger earnings for the year were \$521,676.84.  
Net passenger earnings are 30% of this amount, or \$156,503.05.  
Actual net profit for the year would be the sum of the profit from the passenger earnings and that from other earn-

ings, or \$176,608.57. Dividing \$176,608.57 by the gross passenger earnings \$521,676.84, gives .33854 as the actual part of the gross passenger earnings which should be considered as profit. This figure was used throughout when dealing with passenger earnings only.

Column No. 12 gives the values per mile of that part of the physical property of the railway company which is actually upon the street. The following table indicates the method of obtaining this value:

	Value	Plus 10 % for Incidentals, etc.	Miles	Value Per Mile
Trestles .....	\$ 3,266.00			
Straight track .....	852,642.00			
Track on bridges....	1,852.00			
Special work .....	160,206.00			
	<hr/>			
	\$1,017,966.00	\$1,119,763.00	69.80	\$16,042.00
Overhead construction.	\$65,425.00	\$71,967.00	74.71	936.28
				<hr/>

Average value per mile of single track construction..\$17,005.28

Column No. 13 gives the products of the items in Columns No. 5 and No. 12, and indicates the value of construction on the streets covered by their respective franchises.

Column No. 14 gives the amount of the investment (other than street construction) per car-mile that the company has to support from the earnings, and is obtained by dividing the value of the property (other than street construction) by the total car miles run during the year ending December 31, 1907. This quantity multiplied by the car miles over the portion of the track covered by the particular franchise gives the portion of the power house, rolling stock, etc., expense, that the particular franchise must support. The following schedule indicates how the constant was derived:

	Value	Plus 10% for Organization, etc.	Car Miles
Track in car houses and yards .....	\$ 23,605.00		
Electric power distribu- tion system—			
Telephone .....	2,491.00		
Feeder .....	82,139.00		
Cars .....	461,399.00		
Power plant .....	123,653.00		
Fixed tools and mach....	17,586.00		
Buildings .....	165,327.00		
Real estate .....	180,427.00		
Floating tools and supp..	120,771.00		
	<hr/>		
	\$1,177,398.00	\$1,295,139.00	2,523,205.95
Investment per car mile.....			\$0.51328

Column No. 15 gives the products of the car miles in Column No. 9 and the factor in Column No. 14. These amounts represent the part of the investment for power houses, rolling stock, etc., which must be supported by earnings under the various franchises.

Column No. 16 gives the sums of the items in Columns Nos. 13 and 15, and represents the total amounts of the investment which must be supported at 5% interest from the earnings under the various franchises.

Column No. 17 gives one year's interest at 5% on the amounts in Column No. 16.

Column No. 18 gives the time that the franchises have to run after February 1, 1908.

Column No. 19 gives the present value of the probable net earnings for the number of years and fractions that the franchises have to run after February 1, 1908. These amounts are found by effecting the net earnings for the year ending December 31, 1907, by a factor representing the annual rate of increase in the population year by year, and the factor representing the present values of the money received year by year.

The factor used to represent the rate of increase in population per annum was determined from consideration of the operating statistics of the two roads in question for a period of seven years. From a consideration of these statistics it was found that the average rate of increase in passenger earnings for the two roads for the last three years was 11.38 per cent per annum.

The average of the rate of increase for a period of six years ending 1907, but excluding two years in the operation of the South Chicago City Railway, during which time the operation was seriously hampered by sewer construction in the streets, we find to be 9.89 per cent.

Each of these values includes the poor years that periodically must be expected, together with the years of larger receipts during the periods of normal industrial activity.

From this data it appears that the rate of increase in receipts and population in the sections of the territory served by these roads is increasing. It was found that the population served by the roads is about 155,000, and that over all of the territory served the average population does not exceed 3,000 inhabitants per square mile.

That the rate of increase in population seems to be on the increase, and that the industrial interests located in the territory served by these roads are constantly increasing, and that the present density of population is not sufficient to in any way retard the rate of increase in the population, leads to the conclusion that a constant rate of increase of 11 per cent per annum will represent the probable increase in the population during the time of the life of the franchises considered.



This value has been used in determining the probable earnings for the years the franchises have to run.

In order to readily compute the values of the franchises certain constants have been determined.

These constants are shown for each year and the necessary fraction of years from February 1, 1908, to the termination of the latest franchise claimed. In the table which follows

**Column "A"** gives the time measured from February 1, 1908.

**Column "B"** gives the ratio between the present population and that at the end of the time indicated opposite the figure considered. These quantities have been determined by compounding the assumed constant rate of increase for the length of time considered.

**Column "C"** gives the present value of \$1.00 due in the future; the length of time indicated in Column "A".

**Column "D"** gives the product of the corresponding factors in Columns "B" and "C" for the whole number of years indicated in Column "A," and represents the ratio between the net earnings for the year ending December 31, 1907, and the present value of the probable net earnings for the one year ending in the future time indicated in Column "A".

**Column "E"** gives the product of the corresponding factors in Columns "B" and "C" for the odd number of days indicated in Column "A," and represents a similar ratio as values given in Column "D".

**Column "F"** gives the odd number of days in Column "A" expressed in decimals of a year.

**Column "G"** gives the product of the corresponding value in Columns "E" and "F," and represents the ratio between the net earnings for the year ending December 31, 1907, and the present value of the probable net earnings for the number of days indicated in Column "A" ending in future at the time indicated in Column "A".

**Column "H"** gives the summation of the factors indicated in Column "G" and the corresponding and previous factors for the whole number of years indicated in Column "D". The latter factor represents the ratio between the net earnings for the year ending December 31, 1907, and the present values of the probable net earnings that accumulate within the time indicated in Column "A".

**Column No. 20** gives the present value of the interest on the capital that must be supported for the number of years and fractions shown in Column No. 18. In order to readily compute the interest on the capital, certain constants have been determined as shown in the following table:

CONSTANTS.

Col A	Col B	Col C	Col D	Col E	Col F	Col G	Col H
1 year.....	1.11	.9757	1.0830	.....	.....	.....	.....
151 days.....	1.166	.9426	.....	1.09907	.4137	.45468	1.53768
2 years.....	1.2321	.9292	1.14487	.....	.....	.....	.....
3 years.....	1.3676	.8850	1.21032	.....	.....	.....	.....
4 years.....	1.518	.8428	1.27937	.....	.....	.....	.....
163 days.....	1.5905	.8136	.....	1.29403	.44657	.57787	5.29543
249 days.....	1.6301	.8088	.....	1.31843	.6922	.91262	5.63018
5 years.....	1.6849	.8027	1.35246	.....	.....	.....	.....
37 days.....	1.703	.7815	.....	1.33089	.10137	.13491	6.20493
91 days.....	1.7295	.7786	.....	1.34659	.2493	.33570	6.40572
6 years.....	1.8702	.7645	1.42976	.....	.....	.....	.....
7 years.....	2.0759	.7281	1.51146	.....	.....	.....	.....
17 days.....	2.0856	.7098	.....	1.48036	.04657	.06894	9.08018
33 days.....	2.0959	.7091	.....	1.48620	.0904	.13435	9.14559
48 days.....	2.1048	.7084	.....	1.49104	.1315	.19607	9.20731
8 years.....	2.3042	.6934	1.59773	.....	.....	.....	.....
9 years.....	2.5576	.6604	1.68903	.....	.....	.....	.....
10 years.....	2.8389	.6290	1.78566	.....	.....	.....	.....
11 years.....	3.1511	.5990	1.88750	.....	.....	.....	.....
171 days.....	3.3097	.5649	.....	1.86965	.4685	.87593	16.84709

## SUMMATION OF FACTORS.

	Col "M"	Col "N"	Col "O"	Col "P"
1 year		.9524		
	151 days		.38605	1.33845
2 years		.9070		
3 "		.8638		
4 "		.8227		
	163 days		.35936	3.90526
	249 "		.5504	4.0963
5 years		.7835		
	37 days		.07902	4.40842
	91 "		.19293	4.5223
6 years		.7462		
7 "		.7107		
	17 days		.03302	5.81932
	33 "		.06396	5.85026
	48 "		.09285	5.87915
8 years		.6768		
9 "		.6446		
10 "		.6139		
11 "		.5847		
	171 days		.26766	8.57396

These constants are indicated for each year and the necessary fraction of a year from February 1, 1908, to the termination of the latest franchise claimed.

**Column "M"** gives the time measured from February 1, 1908.

**Column "N"** gives the present value of one dollar per annum due at the end of the year indicated in Column "M".

**Column "O"** gives the present value of that proportion of one dollar per annum that the ratio of the days in Column "M" bears to one year due in the future the time indicated in Column "M".

**Column "P"** gives the summation of the factors indicated in Column "O" and the corresponding and previous factors for the whole number of years indicated in Column "M". This factor represents the present value of one dollar per annum payable at the end of each year for the whole number of years and days indicated in Column "M".

**Column No. 21** gives the total present value of franchises for the time between February 1, 1908, and their expiration, and is the difference between the items in Columns Nos. 19 and 20.

**Columns Nos. 22, 23, 24 and 25** were added to the report to provide information such that a comparison may be made of the present value of a few franchises that have questionable dates of expiration. The items contained in these columns were obtained similarly to those in Columns Nos. 19, 20 and 21.

**ORGANIZATION AND NAMES OF MEN ENGAGED IN THE  
WORK OF VALUATION.**

Commissioners { ..... Bion J. Arnold  
 ..... George Weston  
 Engineer in Charge ..... F. A. Sager

**Track and Paving.**

Engineer ..... H. L. Senger  
 Assistant ..... D. E. Marsh  
 Assistant ..... F. A. Coy  
 Assistant ..... W. F. Millar  
 Assistant ..... C. F. Reaney  
 Assistant ..... H. S. Putnam  
 Assistant ..... E. L. Clausen  
 Assistant ..... F. P. Mundorff

**Electric Power Distribution Systems.**

Engineer ..... F. R. Winders  
 Assistant ..... A. J. Frey  
 Assistant ..... J. W. Andree  
 Assistant ..... F. D. Smith  
 Assistant ..... L. B. Jones  
 Assistant ..... H. L. Strube  
 Assistant ..... W. M. Conway  
 Assistant ..... O. B. Cade  
 Assistant ..... F. J. Fitzpatrick

**Rolling Stock.**

Engineer ..... W. E. Wines

**Power Plant Equipment.**

**Tools and Machinery.**

Engineer ..... H. H. Dickinson  
 Assistant ..... W. E. Warne  
 Assistant ..... J. N. Canavan  
 Assistant ..... E. J. Wickersham  
 Assistant ..... K. B. Stevens

**Buildings.**

Engineer.....	W. F. Bickel
Assistant.....	G. S. Walter
Assistant.....	J. U. Nettenstrom
Assistant.....	C. C. Wright
Assistant.....	W. E. Ingram
Assistant.....	Robert Woods
Assistant.....	J. N. Jensen
Assistant.....	A. Larsen
Assistant.....	C. A. La Salle
Assistant.....	F. F. Tate
Assistant.....	P. A. Ryan
Assistant.....	Norman Laird
Assistant.....	H. C. Felver
Assistant.....	P. B. Tonnar

**Real Estate.**

Marvin A. Farr.  
Joseph Donnersberger.

**Draftsmen.**

Chief Draftsman.....	B. K. Read
Draftsman.....	W. H. Davis
Draftsman.....	A. J. Beerbaum
Draftsman.....	O. A. Angell
Draftsman.....	N. H. Cottrell

**Intangible Values.**

Engineer.....	W. C. Sprau
Assistant.....	H. G. Treichel
Assistant.....	B. White
Assistant.....	C. D. Wesselhoeft
Assistant.....	A. T. Hunt
Assistant.....	L. E. Rein
Assistant.....	J. G. Bock

In addition to the above technical force the executive, auditing and stenographic departments of The Arnold Company were largely utilized in preparing the valuation.

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